Course Catalog

2023-24

School of the Nations
Escola das Nações

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Contents

1

School of the Nations
Escola das Nações

Early Childhood

Nursery 2 to Grade 1

Nursery 2

Arts

Playfully exploring nature and various art materials, students in Nursery 2 are encouraged to develop their fine and gross motor skills and show their intentions through art. Through doing, they investigate nature and create using different dimensions, colors, and textures. They are also encouraged to know and value Brazilian art and that of other countries and cultures to demonstrate their learning through producing artwork.

Dispositions

The curriculum introduces students to basic social-emotional skills such as recognizing feelings, awareness of others, and sharing. These skills are taught throughout the day and integrated with all other subjects.

English

Students learn to express their feelings, emotions, and thoughts, solve problems, and share ideas verbally one-on-one, in small groups, and with the whole class. Students also gain more confidence and start following spoken instructions in English. Furthermore, they demonstrate better fine motor strength and coordination and begin to understand drawing as a form of expression.

Geography

We study the main characteristics of a home, and students perceive the house or dwelling as a place of shelter, protection, and coexistence. Students become immersed in a specific country's culture, learning its main aspects to celebrate our Nation's Festival. Later, our studies focus on planet Earth and its elements. Students develop their curiosity and experience how the planet was and is still being formed, appreciating and observing everything around them. We expand our reading skills during the book fair during the last stage.

Habits of the Heart

Habits of the Heart helps students develop their spiritual qualities and practice caring for and serving others. In Nursery 2, students explore the expressions of spiritual qualities, gaining valuable insights into their inner selves and the world around them. They are guided to develop the ability to listen attentively, use gentleness-based language, and serve others through the practice of acts of kindness, essential skills for building meaningful relationships and fostering empathy. Lastly, students begin to observe and connect with nature and develop an appreciation for the natural world and a capability to describe what they see.

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History

Students embark on a captivating educational journey, learning about a specific country's history, culture, arts, cuisine, and music through engaging activities. They learn about many aspects of the country they will represent during the Nations Festival. Students also learn about families. They develop an understanding that everybody is part of a family, and every family has its particularities. They learn about holidays and know that these days can be celebrated in diverse ways. Through books, songs, and activities, students celebrate and learn about important dates such as Carnival, Valentine's Day, and 100 days of school, among others.

Math

Students explore numerals, quantities, and concepts such as sorting and comparing. They construct mathematical understandings and problem-solving strategies through play and real-life experiences. By the end of the year, students are able to recognize some numerals and basic simple shapes (circles, squares, and triangles) and classify objects by specific attributes.

Music

Students explore sound, experiment with instruments, and develop vocal abilities and motor skills. Students learn how to sing simple songs and familiar nursery rhymes in English and Portuguese. They also engage in storytelling, express themselves through movement and dance, and listen to a range of musical genres and styles.

Physical Education

Physical Education in Nursery 2 is based on the pillars of psychomotricity, one of the foundations of child development. Students develop body awareness, spatial and temporal perception, rhythm, balance, basic locomotor movements (walking, running, jumping) and manipulative movements (kicking, grabbing).

Português

O currículo de língua portuguesa estimula os alunos a explorar o desenho livre, incentivando e expressando criatividade, imaginação e habilidades motoras finas. Eles são apresentados a uma diversidade de livros e histórias, desafiados a identificar espaços físicos e detalhes que ilustram as histórias. Espera-se que aprendam mensagens de textos orais simples. Em diferentes momentos da rotina, são expostos a dinâmicas de conversação, para que desenvolvam habilidades de escuta, além da prática da oralidade. Explorando os diversos espaços da escola com jogos e brincadeiras estimulamos a coordenação motora grossa e sua independência. Com objetivo de fortalecer a autonomia, serão demonstradas atitudes de respeito e uso de palavras mágicas a fim de que compreendam diferentes formas de expressão.

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Tel (61) 3366-1800

Science

Students explore the environment and answer simple questions related to it. They are introduced to the scientific process of understanding the world through hands-on experiences that build their curiosity about how things work in the surrounding environment.

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Tel (61) 3366-1800

Nursery 3

Arts - Music

Music classes are intended to allow students to experiment with all the instruments of the classroom and explore their musical skills. Students learn how to sing and chant simple rhymes as well as develop a sense of beat and rhythm through dance and movement. Simple vocabulary is also explored, such as the names of the instruments and the lyrics of the songs we learn.

Dispositions

We focus on reinforcing basic social-emotional skills such as naming one's feelings and developing students' awareness of their feelings and those of others. Studentsincrease their attention span during circle time and the development of activities. These skills are taught daily throughout the year and integrated with all other subjects.

English

Students develop a basic vocabulary while practicing listening and speaking skills to communicate effectively. In addition, they explore letters to recognize their names and gain more fine motor skills to grasp a pencil correctly. Students also explore fiction and nonfiction books, using illustrations to support their understanding and to practice retelling stories to build background knowledge.

Geography

Students will understand basic concepts regarding space and location related to living conditions and learn to establish connections among the concepts of near and far by exploring routes from home to school. They learn that home is not just a place to live but also a place of shelter, protection, and communal exchange, as they begin to understand the role of various family members. They study the cultural and geographic diversity of the country they will present for the Nations Festival to learn about the traits and traditions of the particular culture.

Habits of the Heart

In Habits of the Heart classes, Nursery 3 students explore the expression of spiritual qualities in their daily lives, developing a deeper understanding of the impact these qualities have on fostering harmonious relationships and creating a positive atmosphere. The course also places a special emphasis on nurturing active listening skills, gentleness-based language, and action in order to build strong connections with their peers and the community around them. Lastly, students start to observe nature in order to realize its beauty, developing their capability to describe, analyze, and evaluate the reality around them.

History

Students learn about several commemorative dates celebrated in diverse ways and their importance to society. Students also reflect on various family setups and how each family is unique. They also

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Tel (61) 3366-1800

explore a particular country related to the Nations Festival in depth, learning about its historic and cultural aspects and thus understanding that people from different countries have different cultures.

Math

We explore the relationship between numbers and quantities and practice counting with one-to-one correspondence until ten. Students learn basic shapes and simple patterns and apply measurement concepts by comparing and ordering objects. Students also start to develop problem-solving skills.

Physical Education

Physical Education in Nursery 3 is based on the pillars of psychomotricity, one of the foundations of child development. Students develop body awareness, spatial and temporal perception, rhythm, balance, basic locomotor movements (walking, running, jumping) and manipulative movements (kicking, grabbing).

Português

O objetivo central é o desenvolvimento da linguagem, estimulando habilidades de escuta e fala, compreensão e produção oral em discussões colaborativas sobre assuntos diversos para interagir com eficiência. Os alunos ampliarão habilidades motoras finas para usar adequadamente os lápis por meio de diversas estratégias no processo de produção da escrita. Analisarão elementos constitutivos de gêneros textuais literários e informativos no contato com livros de ficção e não ficção, observando ilustrações para apoiar a compreensão, bem como para praticar recontos de histórias.

Science

Students explore various scientific and engineering topics such as colors, textures, Earth, atmospheric processes, light, temperature changes, movement, sounds, animals, and plants. They learn to ask simple questions and share their ideas of how things work in the natural world.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Pre-Kinder

Arts - Music

Students in Pre-K are encouraged to explore all the instruments of the Music Room while maintaining pulse and beat. Singing is practiced in every class through simple songs and chants and experimenting with different kinds of voices. Students also start using simple symbols to indicate melody and rhythm to develop musical literacy.

Dispositions

In Pre-K, the main goals are to know and follow the class routine, work and play cooperatively with peers and teachers, follow expectations for sharing, know and follow rules, and identify feelings.

English

Students demonstrate their understanding of letters and their corresponding sounds and use the daily vocabulary they learn by producing and expanding complete sentences. They also use drawings to tell about an experience and develop fine motor skills and pre-writing skills.

Geography

Students learn to establish relationships between near-far and explore the routes from school to home and back to school. They will perceive housing as a place of shelter, protection, and coexistence. They study the cultural and geographical diversity of the country they will represent during the Nations Festival and learn about its peculiar characteristics, customs, and cultures. Going more deeply than in Nursery 3, students will understand basic concepts of space representation and location related to their home. Furthermore, they will understand the role of each member of their family.

Habits of the Heart

Habits of the Heart classes for Pre-K students aim to help children appreciate the diversity of humankind, identifying elements of both diversity and similarity in individuals around them. By celebrating differences and recognizing common threads that bind us together, students start to assimilate their role as world citizens. Students also develop their self-awareness by realizing the expression of their spiritual qualities and their talents, learning how to use these gifts to create a harmonious environment for everyone. The capability of reading and analyzing reality is fostered in this grade level through the concept of “sets,” when students need not only to categorize items of their daily lives but also realize the groups of which they are part. In this grade level, students also start to engage in service projects, comprehending them as acts of love toward others.

History

In Pre-Kinder, students will understand the basic concepts of norms, the role of citizens, and the practice of good coexistence. They learn about many commemorative dates as they experience them throughout the year and appreciate the many ways special days are celebrated. Students reflect on

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Tel (61) 3366-1800

their relationships, not only with family members but also with people who impact their daily lives. Students take a deep dive into a particular country to prepare for the Nations Festival and will understand many cultural and historical aspects of the country's culture.

Math

The main goals in Math for Pre-Kinder students are to count sequences up to twenty, know and write the numeral formation up to ten, count with one-to-one correspondence up to ten, and extend and create simple patterns.

Physical Education

Physical Education in Pre-Kinder is based on the pillars of psychomotricity, one of the foundations of child development. Students develop body awareness, spatial and temporal perception, rhythm, balance, basic locomotor movements (walking, running, jumping, galloping, and skipping) and manipulative movements (kicking, hitting, and grabbing). Students focus on spatial awareness and rhythm through games and dance. In addition, they learn about specific parts of the human body, such as the shoulder, armpit, chin, and elbow, and begin to explore rhythm using a jump rope.

Português

O programa de Português estimula e aprofunda destrezas e conhecimentos trabalhados no ano anterior. O objetivo central é o desenvolvimento de linguagem mais elaborada, praticando habilidades de escuta e fala para se comunicar de forma eficaz, com clareza e objetividade. Serão exploradas habilidades de produção e compreensão oral em discussões colaborativas sobre diversidade de assuntos. Os alunos demonstrarão identificação de fonemas/sons e grafemas/letras para a construção da escrita. Ampliarão habilidades motoras finas, com estratégias variadas, para usar corretamente os lápis. Analisarão elementos constitutivos de textos literários e informativos ao explorar livros de ficção e não ficção, usando ilustrações para apoiar a compreensão, bem como para praticar o reconto de histórias.

Science

Students explore basic cause and effect to see how things work, analyze data by collecting simple experiments and make predictions based on patterns they observe.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Kinder

Arts

Playfully exploring nature and diverse types of art materials, Kinder students are encouraged to manifest their feelings, emotions, and intentions through art. Through doing, they are motivated to reflect, understand, and use the elements of art. They are led to reflect on the different artistic expressions in different contexts, spaces, formats, relationships with other disciplines, and day-to-day experiences. They are also encouraged to participate in immersive exhibitions, constantly reflecting and valuing Brazilian art and that of other countries and cultures, and demonstrate their learning through producing artwork.

Dispositions

Students learn about school norms and create classroom agreements with their teams. They are also encouraged to share their feelings with adults they know and trust and ask for help when needed. Students learn to maintain attention during long activities, find ways to comfort themselves, and finish a task on time.

English

At this level, students learn to read High-Frequency words, learn “consonant-vowel-consonant” words, and recognize the letters, sounds, and vowels of words they already know. They also use strategies they know to compose or identify a new word. In addition, students learn appropriate academic vocabulary with teachers and friends while using previously learned words.

Geography

Students deepen their understanding of spatial proximity and apply it to locate objects and people. They explore basic notions of location and home as they learn to see their home as a place of shelter and protection. They will understand various aspects of the country they study for the Nations Festival.

Habits of the Heart

Habits of the Heart classes in Kindergarten focus on students’ ability to express their spiritual qualities, talents, and ideas, developing their self-awareness and sense of belonging, and building self-confidence. Students also have opportunities to develop their sense of responsibility through the concepts of order and discipline as a way to a healthy and balanced life. Through cultural experiences, students will recognize the existence of different cultures, promoting global citizenship and fostering an appreciation of diversity and inclusive attitudes. Lastly, children have the opportunity to experience the field of Service as a way to show love toward others.

History

In Kindergarten, children learn about cities and understand the importance of school and that everyone is part of a family. They will perceive the passage of time through commemorative dates and

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Tel (61) 3366-1800

their stories and the physical change of people that takes place over time. Students learn about different cultures as they study the country they will represent in the Nations Festival.

Math

In Kindergarten, the main goals in Math are addition and subtraction, rote counting, identifying numbers up to one hundred and writing them up to twenty, comparing quantities, and composing and decomposing numbers up to ten. To achieve these goals, we focus on developing number sense and fluency to build a solid foundation for math.

Music

In Kindergarten Music, students begin to develop simple music literacy. Using simple symbols and words, children learn how to play and sing simple rhythmic and melodic patterns. Performances are also widely encouraged to develop confidence and personal music preferences.

Physical Education

Physical Education in Kinder is based on the pillars of psychomotricity, one of the foundations of child development. Students develop body awareness, spatial and temporal perception, rhythm, balance, basic locomotor movements (walking, running, jumping, galloping, and skipping) and manipulative movements (kicking, hitting, and grabbing). They also work on developing laterality.

Português

No *Kindergarten*, as crianças lerão palavras, frases e pequenas histórias que envolvam padrões silábicos simples. Compartilharão ideias por meio de desenhos. Vão empregar conhecimentos e relações entre fonemas/sons e grafemas/letras para escrever palavras. Serão estimuladas a identificar a ideia principal de histórias, personagens e espaço em que aconteceram os fatos contados.

Science

Children learn about the weather, force and motion, living and nonliving things, and engineering. Students focus on learning what engineering is, what an engineer does, and how to find solutions to problems. Children learn to design and then construct structures to solve problems.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 1

Arts

Art encourages students to express their feelings, emotions, and intentions. Through doing, they are led to know, identify, and use the elements of art. They are led to reflect on the different artistic expressions in different contexts, spaces, formats, and relationships with other disciplines related to their day-to-day experiences. They are also motivated to participate in immersive exhibitions, reflect on and value Brazilian art and that of other countries and cultures, and demonstrate their learning by producing art.

Dispositions

Students develop strategies to increase their stamina and become more accountable for their learning. Students become more aware of their feelings and those of others and have learning experiences that help build awareness of how their actions affect their environment. The course also focuses on fostering healthy, positive relationships.

English

Students learn letter sounds, sound-spelling patterns, and sight words to improve reading fluency at this level. Students also learn reading comprehension strategies, such as activating prior knowledge, retelling, predicting, and inferring, to help them grow as readers. In writing, students learn to generate ideas and follow the five-step writing process for narrative, opinion, and informational writing.

Geography

Students will observe and describe the natural cycles and their impact on the places where they live. They will study the housing types and materials used in their construction and apply basic notions of spatial awareness, such as right, left, top, bottom, inside, and outside, to indicate the location of objects and places. They will understand and compare the main characteristics of the country they study for the Nations Festival.

Habits of the Heart

In Habits of the Heart classes, Grade 1 students explore attitudes connected to spiritual qualities, fostering a deeper sense of self-awareness. They also are encouraged to identify themselves as responsible world citizens, understanding their role in creating a more compassionate and inclusive world, and expressing it in the planning and execution of a service project of their own. To do so, students learn how to consult with their peers, create agreements to promote unity when cooperating with others, and embrace differences so everyone can take part in the action.

History

Students will identify the differences and similarities of public spaces and the importance of rights and duties in exercising citizenship. They will understand the role of school in educating people and will

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

collectively discuss and craft rules of coexistence. They will understand that people from different countries have different cultures.

Math

Math class emphasizes building a strong number sense. Students improve their fluency with basic math facts and how to add double-digit numbers without regrouping. They learn to count to 120 by ones, twos, fives, and tens. Students deepen their understanding of the features of 2D and 3D geometric shapes. They also learn about measuring using nonstandard tools.

Music

Many studies have already been exposed to the importance of music in education, learning, and human development. Students are encouraged to create, share, and perform their musical ideas at this level. Simple notations such as a quarter note, quarter rest, and eighth note are taught so students can compose and play their own rhythmic patterns for peers. Simple vocal-pitch games are also learned for vocal agility and pitch. Movement and dance are still widely used to internalize beat and rhythm.

Physical Education

Physical Education in Grade 1 is based on the pillars of psychomotricity, one of the foundations of child development. Students develop body awareness, spatial and temporal perception, rhythm, balance, basic locomotor movements (walking, running, jumping, galloping, and skipping) and manipulative movements (kicking, hitting, and grabbing). They also work on developing laterality. Students will improve manipulative foot and hand movements using a ball and develop left and right shifting skills. They also develop rhythmic and balance activities in their various forms.

Português

Os alunos estudarão muitas palavras com padrão complexo. Aprenderão a formar textos curtos e simples sobre um tema e textos informativos simples, organizando opiniões e informações de maneira lógica e formando histórias com início, meio e fim. Desenvolverão leitura de textos curtos contendo palavras com padrão complexo e adquirindo fluência e compreensão. Será trabalhado a oralidade e destacaremos os nossos alunos em escritores no Workshop de escrita e leitores na aula.

Science

Students observe their surroundings and, through observations of the natural world, conduct inquiries into topics related to Engineering, Living Things, and Sound. In addition, students complete Science, Technology, Engineering, Art, and Mathematics (STEAM) projects designed to introduce them to exploration and discovery.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Elementary

Grades 2 to 5

Grade 2

Arts

In addition to a general introduction though the Art class, our curriculum offers three electives in this area.

Art

Based on the Studio Habits of Mind and the *Base Nacional Comum Curricular* (BNCC), we provide students with opportunities to experience a variety of art media and techniques. Students also become aware of art from other times, peoples, and places. We help inspire students to incorporate art into their lifestyles as a hobby or career and to understand that their works of art are valuable and unique expressions of themselves.

Students choose from among Choir Lab, Design Lab, and Sound Lab.

Choir Lab

Choral singing encourages groups to establish relationships of respect and responsibility among themselves. Each participant plays a role in favor of the community that, in the end, results in a joint work of excellence. In choir classes, students have the opportunity to develop practical experience and skills to perform a varied repertoire, covering different period styles and musical genres; develop musicianship through singing in a group context; develop the ability to follow a conductor, maintaining a rhythmic pulse and phrasing compatible with the stiles and other participants in the group; develop music reading through practice; and develop basic vocal technique for singing.

Design Lab

InDesign Lab, students have the opportunity to explore the graphic and product design process, using the five steps of design thinking: Empathize, Define, Ideate, Prototype, and Test. This is a unique moment where students apply visual arts theory into their own authorial projects. Students are challenged to create original products inspired by unique projects and situations brought from the teacher. The use of recycled materials and technology is encouraged, as are arts supplies and a 3D printer. Students learn to use diverse free online software for 2D and 3D design.

Sound Lab

In Sound Lab, students have the opportunity to explore the process of music creation and production. Students experiment with different sounds, timbres, and effects. This is a unique moment where students apply music theory and practical abilities with technology to create their own projects. Students are challenged to create original products inspired by unique productions, projects, and situations brought from the teacher; songs they like; audio dubbing; famous samplers and music productors; different soundtracks used in movies and shows; DJs; and much more. Students will use free online software to work with their productions. The use of physical instruments and voice is encouraged throughout the course, so students can explore their creativity and gain more abilities in the music scenario and in the world of technology.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

English

Students learn to spell and write vocabulary, read more fluently, apply grammar concepts, and participate in handwriting and writing activities through thematic units. Students also continue to master weekly sight words and reading and comprehension strategies to grow as readers.

Math

Math includes recognizing, comparing, and ordering whole numbers up to 1,000. The curriculum includes counting and skip counting by 2s, 3s, 5s, 10s, 25s, 50s, and 100s. Children work to master counting backward, starting from any number, and refining their addition and subtraction fluency within twenty. While building a solid place value foundation, students extend counting to 1,000. They are also expected to solve repeated addition and length problems and apply and enrich their knowledge of place value to add and subtract numbers within 1,000. Students in Grade 2 also learn the meaning of fractions and apply this knowledge to describe halves, thirds, and fourths.

Physical Education

Physical Education in Grade 2 emphasizes the development of a variety of combined locomotor movements (move forward, sideways, and backward in response to a signal), such as balance, rhythm, locomotor/non-locomotor movements, and manipulative skills (hands and feet). Content related to heart rate, warm-up/cool-down techniques, cooperative games, and teamwork are also explored.

Português

O *Grade 2* é um tempo de muitas mudanças - novo campus, nova rotina, novos conhecimentos. Os alunos participam do Projeto Transição para sair do campus da Educação Infantil e fazer parte do campus do Ensino Fundamental. O foco maior neste ano é consolidar habilidades linguísticas de escrita, estratégias de leitura, compreensão textual e oralidade. Os estudantes se envolvem em diversos projetos. Entre eles, Projeto de Leitura, Festival das Nações, Sarau Literário, Desafio de trava-línguas, Exposição de objetos antigos. Ao finalizar o 2º Ano, devem ter ampliado autonomia e responsabilidade na realização dos trabalhos.

Portuguese Language Learning (PLL)

This program is for students who do not speak Portuguese as their first language or are not fluent in reading, writing, or conversation. In PLL classes, students develop the essential academic and communication skills they need daily in school and beyond.

Science

Students are introduced to the observation process and how important it is to studying science. Learners will identify their five senses and why they are critical to observation. They will use these observation skills throughout the course as they examine many different types of animals and their environments. Students come to understand plant and animal rhythms and perform small experiments with plants. They will also understand the different groupings of animals, including vertebrates, invertebrates, warm- and cold-blooded animals, carnivores, herbivores, and omnivores.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

They also learn how animals communicate and the relationship between animals and humans. In addition, students will look closely at the characteristics of reptiles, insects, birds of prey, and fish. Last, students will understand that different kinds of matter exist in various states depending on temperature and will develop an understanding of recycling, Earth science, and map skills.

Social Studies

Students have the opportunity to recognize and identify an individual that belongs to a community, understand that there are different communities in the world, and reflect on how positive attitudes can conserve different environments. They will help care for the world as a citizen. Also, students will demonstrate human-environment interactions and how the movement of populations contributed to developing places in social, cultural, and demographic aspects. In addition, students learn about Native American cultures and understand the events from past to present. Finally, students will analyze maps to identify geographic information and reflect on the difference between a want and a need and the benefits of being informed consumers.

Virtues for Life

In Grade 2 "Virtues for Life," students focus on personal development, social development, and service capacities. The course aims to foster a strong sense of self-awareness, empathy, and justice while encouraging students to become active global citizens who contribute positively to their communities. Through interactive activities, discussions, and reflective exercises, students explore virtues, values, and ethical decision-making, building a foundation for responsible and compassionate behavior.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 3

Arts

In addition to a general introduction though the Art class, our curriculum offers three electives in this area.

Art

One of the first ways a child communicates in life is through art. In Grade 3, we strive to instill a love of art in each student. Based on the Studio Habits of Mind and the BNCC, we provide students with opportunities to experience a variety of art media and techniques. Students also become aware of art from other times, peoples, and places. We help inspire students to incorporate art into their lifestyles as a hobby or career and to understand that their works of art are valuable and unique expressions of themselves. We also introduce and develop some of the elements of art and principles of design, and integrate the study of art history, art criticism, aesthetics, and art production.

Students choose from Choir Lab, Design Lab, and Sound Lab.

Choir Lab

Choral singing encourages groups to establish relationships of respect and responsibility among themselves. Each participant plays a role in favor of the community that, in the end, results in a joint work of excellence. In choir classes, students have the opportunity to develop practical experience and skills to perform a varied repertoire, covering different period styles and musical genres; develop musicianship through singing in a group; develop the ability to follow a conductor, maintaining a rhythmic pulse and phrasing compatible with the stiles and other participants in the group; develop music reading through practice; and develop basic vocal technique for singing.

Design Lab

In Design Lab, students have the opportunity to explore the graphic and product design process, using the five steps of design thinking: Empathize, Define, Ideate, Prototype, and Test. This is a unique moment where students apply visual arts theory into their own authorial projects. Students are challenged to create original products inspired by unique projects and situations brought from the teacher. Students are encouraged to use recycled materials, technology, arts supplies, and a 3D printer. Students learn to use diverse free online software for 2D and 3D design.

Sound Lab

In Sound Lab class, students have the opportunity to explore the process of music creation and production. Students experiment with different sounds, timbres, and effects. This is a unique moment where students apply music theory and practical abilities with technology to create their own projects. Students are challenged to create original products inspired by unique productions, projects and situations brought from the teacher; songs they like; audio dubbing; famous samplers and music productors; different soundtracks used in movies and shows; DJs; and much more. Students use free online software to work with their productions. The use of physical instruments and voice is encouraged throughout the course, so students can explore their creativity and gain more abilities in music and the world of technology.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

English

This course provides structured lessons in reading, spelling, writing, vocabulary, and grammar. Students study parts of speech, including nouns, verbs, and adverbs, and how to use them correctly in various sentence structures. Students also work in guided reading groups at their reading levels each semester. They build their fluency and comprehension skills while studying different genres and text structures. These structures include compare/contrast and cause/effect. Students also go through the writing process, creating a variety of published books. They become authors of books across various genres, such as nonfiction chapter books, fairy tales, persuasive essays, and biographies.

Geography

The geography course helps students develop geographic reasoning through the relationship between society and nature and its constant transformation in different times and spaces. Geography can contribute to the formation of citizens aware of the diversity and differences in the world. It expands students' notions of themselves, where they live (identity), and the other (otherness). Students will relate facts at the local and global levels (articulating different spaces and scales of analysis) and understand the relationships between society and nature (connections).

Math

Math classes focus on developing fluency in addition and subtraction up to thousands, understanding multiplication and division and strategies to multiply and divide within one hundred; developing an understanding of fractions, especially unit fractions; developing an understanding of the structure of rectangular arrays and of the area; and describing and analyzing two-dimensional shapes. Throughout the school year, students work on problem-solving involving the four operations, understanding place value up to 1,000, rounding whole numbers to the nearest ten or hundred, and fluently adding and subtracting within 1,000 using strategies and algorithms based on place value. They will also understand the concept of fractions and of a fraction as a number on the number line. In addition, they will be able to explain the equivalence of fractions and understand the properties of multiplication and the relationship between multiplication and division.

Music

Woodwinds are the focus of this class. We dive deeper into rhythm and motor coordination development (e.g., breath control and fingering) by performing simple pieces as well as developing self-regulation and collaboration skills. Notation and music reading becomes a regular practice in classes as we relate different types of visual cues and signs commonly used to represent specific rhythms, notes, musical events, or characteristics.

Physical Education

Physical Education in Grade 3 emphasizes the development of a variety of combined locomotor movements (move forward, sideways, and backward in response to a signal), such as balance, rhythm, locomotor/non-locomotor movements, and manipulative skills (hands and feet). Content related to cooperative games and teamwork are also explored.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Português

Nosso propósito para os alunos do 3º Ano do Ensino Fundamental é contribuir na formação de indivíduos ativos, participantes e comunicativos, que compreendam a língua portuguesa em sua dimensão social, um processo complexo que envolve competências e habilidades relacionadas à leitura, à escrita e à oralidade, sempre contextualizadas, respeitando-se referências do universo comum. O curso tem como focos abordar o estudo da língua portuguesa como um conjunto de manifestações comunicativas e expressivas de linguagem, com trabalhos dinâmicos em sala de aula, do ponto de vista da construção de conhecimentos e da diversificação de atividades, ora lúdicas, ora reflexivas, ora ainda organizativas por meio de projetos, estratégias de leitura, explorando adequadamente a gramática normativa, a grafia, a identificação de gêneros textuais e a produção de textos.

Portuguese Language Learning (PLL)

PLL is for students who do not speak Portuguese as their first language or are not fluent in reading, writing, or conversation. In PLL classes, students develop the essential academic and communication skills they need daily in school and beyond.

Science

This research-based course provides structured lessons designed to introduce students to general science principles in a variety of science disciplines. Students learn more about life science, such as ecosystems and how various species are affected by changes in their environment. To further students' investigation of living things and their environments, students will study animals, plants, and their life cycles. They will also learn more about forces and motion and magnetic forces and investigate static electricity. Students will study patterns and weather and learn how scientists measure weather and make predictions based on these patterns. While working collaboratively and on various projects, students will also learn how to make observations, conduct experiments, and think like a scientist. In addition, students will build a global mindset while learning about the impact humans have on our environment and how we can become better world citizens.

Social Studies

Social studies include essential learning that all students must develop throughout the stages of basic education for integral human formation and constructing a fair, democratic, and inclusive society. The course creates opportunities for students to study the objects of knowledge and specific skills of the area, working in different contexts and from different points of view.

Virtues for Life

In Grade 3, the "Virtues for Life" course builds upon the foundation laid in previous grades. Students continue to develop their personal and social capacities while deepening their understanding of virtues, ethical decision-making, empathy, and service. The course aims to empower students to be self-aware, empathetic, and socially responsible individuals who actively contribute to creating a harmonious and just community. Through engaging activities, discussions, and projects, students

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

explore the importance of virtues in daily actions, learn to analyze sociocultural contexts, and implement the concept of service.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 4

Arts

In addition to a general introduction through the Art class, our curriculum offers three electives in this area.

Art

One of the first ways a child communicates in life is through art. In Grade 4, we strive to instill a love of art in each student. Based on the Studio Habits of Mind and the BNCC, we provide students with opportunities to experience a variety of art media and techniques. Students also become aware of art from other times, peoples, and places. We help inspire students to incorporate art into their lifestyles as a hobby or career and to understand that their works of art are valuable and unique expressions of themselves. We also introduce and develop some of the elements of art and principles of design, and integrate the study of art history, art criticism, aesthetics, and art production.

Students choose from Choir Lab, Design Lab, and Sound Lab.

Choir Lab

Choral singing encourages groups to establish relationships of respect and responsibility among themselves. Each participant plays a role in favor of the community that, in the end, results in a joint work of excellence. In choir classes, students have the opportunity to develop practical experience and skills to perform a varied repertoire, covering different period styles and musical genres; develop musicianship through singing in a group; develop the ability to follow a conductor, maintaining a rhythmic pulse and phrasing compatible with the stiles and other participants in the group; develop music reading through practice; and develop basic vocal technique for singing.

Design Lab

In Design Lab, students have the opportunity to explore the graphic and product design process, using the five steps of design thinking: Empathize, Define, Ideate, Prototype, and Test. This is a unique moment where students will apply visual arts theory into their own authorial projects. Students are challenged to create original products inspired by unique projects and situations brought from the teacher. Students are encouraged to use recycled materials, technology, arts supplies, and a 3D printer. Students learn to use diverse free online software for 2D and 3D design.

Sound Lab

In Sound Lab, students have the opportunity to explore the process of music creation and production. Students experiment with different sounds, timbres, and effects. This is a unique moment where students will apply music theory and practical abilities with technology to create their own projects. Students are challenged to create original products inspired by unique productions, projects and situations brought from the teacher; songs they like; audio dubbing; famous samplers and music productors; different soundtracks used in movies and shows; DJs; and much more. Students use free online software to work with their productions. Students are encouraged to use physical instruments and voice throughout the course so they can explore their creativity and gain more abilities in the music and the world of technology.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

English

This course provides structured lessons in reading, writing, and research. We focus on the plot, setting, themes, and points of view in both reading and writing. In addition, students learn to identify different text structures such as sequencing, comparison/contrast, cause/effect, and problem/solution. Finally, students go through the research process of planning, gathering, analyzing, and presenting information in a written essay and multimedia format.

Math

Math classes focus on giving students the tools, strategies, and skills to understand and interpret math at a deeper and more complex level. Throughout the school year, students work on problem-solving, understanding the base-ten notation system and the concept of place value, adding and subtracting multi-digit numbers, and rounding whole numbers to the nearest place value. Students will also achieve fluency in multiplication and division. They will understand the concept of fractions and fraction equivalence, be able to add and subtract fractions, multiply fractions by whole numbers, understand concepts of geometry such as symmetry and angles, and classify shapes by their attributes.

Music

This year we focus on keyboards. We dive deeper into reading music and developing motor coordination, e.g., finger and hand independence, by performing simple pieces. Students also develop self-regulation and collaboration skills. In notation and music reading, we relate different types of visual cues and signs commonly used to represent specific rhythms, notes, harmony, and musical events or characteristics.

Physical Education

Physical Education in Grade 4 emphasizes the development of a variety of combined locomotor movements (move forward, sideways, and backward in response to a signal), such as balance, rhythm, locomotor/non-locomotor movements, and manipulative skills (hands and feet). The course includes sports initiation, with activities aimed at teaching the rules and basic sport-specific skills (passing, bouncing, dribbling, shooting, and kicking). Content related to heart rate, warm-up/cool-down techniques, cooperative games, and teamwork is also explored.

Português

No Grade 4, trabalhamos com a independência e autonomia, que são habilidades essenciais para o desenvolvimento do raciocínio lógico e o pensamento crítico que ensina o aluno a posicionar-se criticamente e eticamente enquanto cidadão. O curso tem o foco em desenvolver o pleno domínio da leitura, interpretação e escrita. Usando estratégias de leitura e escrita, empregando corretamente o uso da ortografia e gramática. Além disso, o aluno será capaz de reconhecer e empregar diferentes estruturas textuais.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Portuguese Language Learning (PLL)

PLL is for students who do not speak Portuguese as their first language or are not fluent in reading, writing, or conversation. In PLL classes, students will develop the essential academic and communication skills they need daily in school and beyond.

Science

This course provides structured lessons designed to introduce students to general science principles in a variety of science disciplines. Students will focus on physical science, life science, and Earth science. Students study topics in Biology, including internal and external structures/organs of different types of plants and animals. In Earth science, students look at ecosystems. They study weather, rocks, and the moon as part of Earth/space science topics. Students finish the course learning about the physical science topics of machines, electricity, and waves. Students also engage in the research design process and analyze and interpret data.

Social Studies

The course aims to work with geographic and historical knowledge for students to understand the society/nature interaction and the connection between them, recognizing the importance of how human beings have made use of natural resources throughout history and how the formation of social groups and their different cultures took place. The objective of the course is to develop critical thinking and autonomy, learn to investigate to understand the world, and build solid arguments based on geographic and historical-cultural information. Students also learn to debate and defend ideas and points of view with autonomy, responsibility, and determination. They will propose solutions to social-environmental issues and understand historical-cultural issues, always basing their proposals on the principles of ethics, democracy, sustainability, and solidarity proposed by Nations.

Virtues for Life

The "Virtues for Life" course in Grade 4 aims to further enhance students' personal and social development capacities. Students will explore self-awareness, ethical decision-making, justice, empathy, and service to become responsible global citizens. The course encourages students to actively apply virtues and values in various situations and propose actions that promote unity and social cohesion. Through interactive activities, group discussions, and real-world projects, students deepen their understanding of diverse sociocultural contexts and engage in systematic actions that benefit their communities.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 5

Arts

In addition to a general introduction though the Art class, our curriculum offers three electives in this area.

Art

In this class, we strive to instill a love of art in each student. Based on the Studio Habits of Mind and the BNCC, we provide students with opportunities to experience a variety of art media and techniques. Students also become aware of art from other times, peoples, and places. We help inspire students to incorporate art into their lifestyles as a hobby or career and understand that their works of art are valuable and unique expressions of themselves. We also introduce and develop some of the elements of art and principles of design and integrate the study of art history, art criticism, aesthetics, and art production.

Students choose from Choir Lab, Design Lab, and Sound Lab.

Choir Lab

Choral singing encourages groups to establish relationships of respect and responsibility among themselves. Each participant plays a role in favor of the community that, in the end, results in a joint work of excellence. In choir classes, students have the opportunity to develop practical experience and skills to perform a varied repertoire, covering different period styles and musical genres; develop musicianship through singing in a group; develop the ability to follow a conductor, maintaining a rhythmic pulse and phrasing compatible with the stiles and other participants in the group; develop music reading through practice; and develop basic vocal technique for singing.

Design Lab

In Design Lab, students have the opportunity to explore the graphic and product design process, using the five steps of design thinking: Empathize, Define, Ideate, Prototype, and Test. This is a unique moment where students will apply visual arts theory into their own authorial projects. Students are challenged to create original products inspired by unique projects and situations brought from the teacher. Students are encouraged to use recycled materials, technology, arts supplies, and a 3D printer. Students learn to use diverse free online software for 2D and 3D design.

Sound Lab

In Sound Lab, students have the opportunity to explore the process of music creation and production. Students experiment with different sounds, timbres, and effects. This is a unique moment where students will apply music theory as well as practical abilities with technology to create their own projects. Students are challenged to create original products inspired by unique productions, projects and situations brought from the teacher; songs they like; audio dubbings; famous samplers and music productors; different soundtracks used in movies and shows; DJs; and much more. Students use free online software to work with their productions. Students are encouraged to use physical instruments and voice throughout the course, so they can explore their creativity and gain more abilities in the music scenario and the world of technology.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

English

This course provides structured lessons in reading, writing, and research and focuses on the plot, setting, themes, and points of view in both reading and writing. Students study parts of speech, including verbs, adverbs, adjectives, pronouns, and prepositional phrases. In addition, students explore various forms of poetry. They learn to read and gather information from scientific articles and historical accounts. Finally, students go through the research process of planning, gathering, analyzing, and presenting information in a multimedia format.

Geography

In this course, students learn to identify ethnic-racial and ethnic-cultural differences and social inequalities between groups in different territories and establish connections and hierarchies between different cities using thematic maps and graphical representations. They analyze transformations of landscapes in cities, comparing sequences of photographs, aerial photographs, and satellite images from different times. Throughout the school year, they identify and compare changes in types of work and technological development in agriculture, industry, commerce, and services. They recognize the characteristics of the city and analyze interactions between the city and countryside and between cities in the urban network. In this course, students are able to identify and compare changes in the means of transport and communication, and learn about the different types of energy used in industrial, agricultural, and extractive production and in the daily lives of populations. They also recognize and compare attributes of environmental quality and some forms of pollution of water courses and oceans and identify public authorities and social participation channels responsible for seeking solutions to improve the quality of life. Finally, they discuss the proposals implemented by these bodies that affect the community in which they live.

History

Students learn about the process of sedentation of the first peoples, identifying the processes of formation of the cultures of these peoples, and relating them to the geographic space occupied. They also analyze the role of cultures and religions in the identity composition of ancient peoples. In addition, they compare the use of different languages and technologies in the communication process and assess the social, political, and cultural meanings attributed to them. Students develop the ability to associate the concept of citizenship with the achievement of the rights of peoples and societies, understanding it as an historic achievement. They learn to associate the notion of citizenship with the principles of respect for diversity, plurality, and human rights, and identify the mechanisms of organization of political power to understand the idea of the State and other forms of social order.

Math

The course focuses on giving students the tools, strategies, and skills to understand and interpret math on a deeper and more complex level. Throughout the school year, students work on problem-solving, understanding the base-ten notation system and the concept of place value, including the concept of decimals, decimal operations, and the relationship between fractions and decimals. They develop fluency with addition and subtraction of fractions, extending division to 2-digit divisors, and rounding whole numbers and decimals to the nearest place value. They also understand geometry concepts such as area, perimeter, volume, and 3D shape classification. Word problem-solving focuses on complex situations that require higher-order thinking, multi-step word problems, bar modeling, data analysis, and interpretation. At the end of the school year, students also participate in the Math Sales

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Project, in which they create their own sales stand, calculating all costs and expenses, possible income, and profit. All money earned through this project is donated to an institution in need.

Music

In Grade 5 Music class, we introduce ukuleles. Reading and motor coordination development are promoted by performing simple pieces, and students develop self-regulation and collaboration skills. Composing and performing are also strong points for this grade level because students become more independent and already master a good amount of musical knowledge, which they can use to express themselves. In notation and music reading (tabs, scores, chords), students learn different types of visual cues and signs commonly used to represent specific rhythms, notes, harmony, and musical events or characteristics.

Physical Education

Physical Education in Grade 5 emphasizes the development of balance and rhythm. The course includes sports initiation, with activities that teach the rules and basic sport-specific skills (passing, bouncing, dribbling, shooting, and kicking) and a combination of fundamental locomotor movements (running, stopping, throwing, shooting, and kicking). Content related to heart rate, warm-up/cool-down techniques, cooperative games, and teamwork are also explored.

Português

O curso oferece aulas estruturadas sobre leitura, escrita e pesquisa. Os alunos compreendem a língua como fenômeno cultural, histórico, social, variável, heterogêneo e sensível aos contextos de uso, reconhecendo-a como meio de construção de identidades de seus usuários e da comunidade a que pertencem. Eles empregam, nas interações sociais, a variedade e o estilo de linguagem adequados à situação comunicativa, ao(s) interlocutor(es) e ao gênero do discurso/gênero textual. Os estudantes deste curso apropriam-se da linguagem escrita a fim de construir conhecimentos e se envolver com maior autonomia e protagonismo enquanto cidadão, posicionando-se ética e criticamente, além de produzir textos para expressar e partilhar informações, experiências, ideias e sentimentos com compreensão, autonomia, fluência e criticidade. Ademais, analisam criticamente informações, argumentos e opiniões manifestados em interações sociais e nos meios de comunicação e envolvem-se em práticas de leitura literária que possibilitem o desenvolvimento do senso estético para fruição, valorizando a literatura e outras manifestações artístico-culturais.

PLL

PLL is for students who do not speak Portuguese as their first language or are not fluent in reading, writing, or conversation. In PLL classes, students will develop the essential academic and communication skills they need daily in school and beyond.

Science

This research-based course provides structured lessons designed to introduce students to general science principles in physical science, including topics in energy, force, and motion, as well as energy resources. Students study topics in Earth science related to the structure of the earth and rocks and minerals. Basic chemistry lessons include the periodic table and compounds and mixtures. Students

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

explore astronomy with units on outer space and space exploration and learn biology topics such as cells and kingdoms. Lastly, students are introduced to the study of ecology and ecosystems.

Virtues for Life

"Virtues for Life" in Grade 5 focuses on developing students' personal and social capacities. Through the exploration of self-awareness, ethical decision-making, justice, empathy, and service, students become responsible global citizens. The course encourages students to employ critical thinking and autonomy to develop virtues and strategies for personal growth. Additionally, students learn the importance of collaborating, promoting unity, and developing empathy and understanding toward others. By analyzing sociocultural contexts and actively engaging in systematic actions, students become aware of community strengths and challenges while actively participating in service activities.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Middle

Grades 6 to 8

Grade 6

Art

Art education encompasses a distinctive range of abilities that help us discover who we are and communicate with the world. Art might be one of the most ancient forms of answering the question of “who am I?” and “why are we here?” From Prehistory to Contemporary art, artists have explored different ways to express their sensibility, perception, reflection, and imagination. Middle school students will know the effects of various visual structures to be able to communicate different ideas visually. Art history in Grade 6 encompasses the period between the Dawn of Humanity and ancient Greek Art, focusing on understanding each period’s historical and cultural aspects and its art objects. Students will experiment with different media and techniques and produce original artworks based on their learnings.

Drama

Drama class aims to provide the opportunity for students to apply the dramatic techniques introduced through theatrical games and encourage dramaturgical writing and improvisation.

English

This course incorporates a shared inquiry process for reading, interpreting, and discussing literature. Students foster habits of mind that characterize self-reliant thinkers, readers, and learners. Students read literature that can engage the whole person—the imagination and the intellect. Students read short stories and novels such as *Number the Stars* by Lois Lowry and *Holes* by Louis Sachar. While reading relevant and engaging literature, students practice writing and grammar skills using Write Tools: comprehensive, progressive, research-based strategies to teach the fundamentals of Response to Literature, including narrative, imaginative, and personal, as well as multi-paragraph expository writing.

Junior Youth Spiritual Empowerment

The Junior Youth Spiritual Empowerment program is a Bahá'í-inspired program that strives to equip young people with a profound understanding of their own potential. The program's overarching goals are multifaceted, aiming to develop the power of expression, foster the capacity to make positive decisions, promote comprehension and critical thinking, and encourage the planning and execution of service projects. In Grade 6, students develop an understanding of topics such as effort, confirmation, gifts and talents, the source of true joy, order, responsibility, and the importance of good habits.

Math

The primary goal is to develop procedural fluency and problem-solving strategies involving operations with whole numbers, decimals, fractions, and percentages in different contexts. In addition, the focus relies on conceptual understanding and reasoning, so students gain a deeper understanding of the skills and competencies they will learn and practice. Topics covered in the course include operations

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

with fractions and decimals, numerical expressions, factors and multiples, ratios and percentages, area and volume, coordinate plane, measures of center and an introduction to algebraic expressions.

Music

In Grade 6 Music, we teach wind instruments such as the flute, clarinet, trumpet, trombone, saxophone, and tuba, as well as percussion instruments. We work to develop students' motor coordination, independence, and collaboration skills. In Musical Theory, we deepen students' ability to read melody and rhythm (whole and half musical figures) using technology. We also introduce all the periods of music history, namely, Prehistory, the Ancient and Middle Ages, Renaissance, Baroque, Classical, Romantic, and Modern. We gradually deepen students' understanding of each period, focusing on Prehistory, Ancient and Middle Ages and exploring the difference between Popular and Classical music.

Science

Middle School Science courses revolve around the Scientific Method in students' everyday practices. Students are exposed to the ideas of testing hypotheses, controlling variables, and posing questions conducive to this testing framework. The Science Fair is the main event at which this knowledge is presented. The main conceptual goal is to foster critical thinking about scientific concepts and ideas to promote autonomy to make informed life choices. In Grade 6, this goal is achieved by understanding the foundational principles of scientific thinking, with a focus on the structure and properties of matter and its chemical transformations, Earth's structure and dynamics as well as how life develops in crescent levels of organization. We use different class activities during the course to foster engagement and authentic learning, including class discussions, taking notes, lab experiments, simulations, and self-paced learning activities.

Physical Education

Physical Education in Grade 6 aims to develop intermediate sport-specific skills. The course also includes the principles of practice and conditioning that improve performance and the physical valences of speed, endurance, agility, coordination, mobility, and balance. Content related to developing social-emotional skills is also explored.

Social Studies

Grade 6 Social Studies, in many ways, starts at the beginning. The year begins with teaching students the necessary skills needed to analyze different themes and topics throughout the year, including how to use higher-order thinking and how to analyze primary and secondary source documents. Once these skills are attained, we begin chronologically through human history, beginning with the Dawn of Humankind and our early human ancestors. Ancient Mesopotamia and Ancient Egypt is studied next, with particular emphasis on how geography played an important role in Early Civilizations just as it plays an important role in our lives today. Following Mesopotamia and Egypt, we discuss ancient Greece and ancient Rome and the intellectual foundations of Western Civilization, paying close attention to the philosophies and politics of these civilizations. Lastly, we discuss the early Middle Ages, and look closely at how Europe changed after the Fall of the Roman Empire.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

World Languages

Português

Os estudos de língua portuguesa darão continuidade aos conhecimentos construídos no Ensino Fundamental 1. As atividades privilegiarão leitura e produção textual de variados gêneros – narrativos, de relato, notícias, reportagens, blogues, entre outros - para ampliar habilidades trabalhadas anteriormente. A análise linguística envolverá aspectos fonéticos e morfológicos, sempre partindo de textos e retornando a eles para aplicação. Serão ampliadas habilidades de expressão escrita e oral para que os alunos se sintam cada dia mais seguros no uso da língua como instrumento de comunicação oral e escrita. A Base Nacional Comum Curricular – BNCC será o fio condutor das atividades e dos objetivos.

Português como Língua Estrangeira (PLL)

O ensino de Português como língua estrangeira (PLL) objetiva fornecer ferramentas ao aluno para que interaja com o mundo de uma nova forma, que seja proficiente não só na língua usada neste país, mas também em modos de compreender o povo brasileiro e viver aqui. Para isso, os estudantes são estimulados a desenvolver habilidades de compreensão e produção de textos orais e escritos em língua portuguesa, possibilitando que atinjam níveis que possibilitem construção de conhecimentos, desenvolvam competências próximas às de um falante nativo.

Spanish

This course aims to establish students' first contact with Spanish through practical and engaging classroom activities that stimulate interest in learning the language. Games are used strategically as a natural, creative, and pleasant way to learn and a channel to express one's needs. Students learn basic vocabulary and grammatical structures related to the family, social, and school environments. The course focuses on phonetics and informational text comprehension. Students also learn about the culture of many Spanish-speaking countries through projects.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 7

Art

Art education encompasses a distinctive range of abilities that help us discover who we are and communicate with the world. Art might be one of the most ancient forms of answering the question "who am I?" and "why are we here?" From Prehistory to Contemporary art, artists have explored different ways to express their sensibility, perception, reflection, and imagination. Middle school students will learn the effects of various visual structures to be able to communicate different ideas visually. Art History in Grade 7 encompasses the Middle Ages and Baroque Art periods, focusing on understanding each period's historical and cultural aspects and art objects. Students will experiment with different media and techniques and produce original artworks based on their learnings.

Drama

The Drama program aims to develop investigative, organizational, and planning skills in elaborating scenic elements and the vocal potential and body expressions necessary in presenting scenes.

English

In Grade 6 English, students study a selection of texts designed to support their continuing growth as lifelong readers. These texts include *Freak the Mighty* by Rodman Philbrick, *Drums, Girls*, *and Dangerous Pie* by Jordan Sonnenblick, *The Giver* by Lois Lowry, and a collection of short stories. As students work through these books and stories, they explore different topics and concepts connected to various types of writing—informative, argumentative, and narrative—and the skills involved in improving their writing. Through their reading and writing development, students explore literary themes, including perseverance and courage, friendship, acceptance, and the importance of family, among others. Additionally, students have numerous opportunities to improve their listening and speaking skills. Collaborative discussions and class presentations support students' continuing growth as speakers and users of the English language. Finally, emphasis is placed on the acquisition of English vocabulary and metaphorical language as it exists in English.

Junior Youth Spiritual Empowerment

The Junior Youth Spiritual Empowerment program is a Baha'i-inspired program that strives to equip young individuals with a profound understanding of their own potential. The program's overarching goals are multifaceted, aiming to develop the power of expression, foster the capacity to make positive decisions, promote comprehension and critical thinking, and encourage the planning and execution of service projects. In Grade 7, students develop an understanding of topics such as decision-making, hope, moral reasoning, intellectual and spiritual dimensions of excellence, high goals, and noble attitudes.

Math

Students further develop operations with integers and rational numbers, honing their computational skills and understanding the real-world applications of these mathematical entities. The program also

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

progresses into the intricacies of multi-step algebraic equations, empowering students to solve complex problems and appreciate the underlying patterns within equations. Learners use adaptive reasoning while solving proportions, enabling students to master the art of scaling and comparing quantities. Additionally, scholars dive into the realms of surface area and volume, helping them develop spatial visualization skills and apply these concepts to various three-dimensional shapes.

Music

In Music, we continue teaching wind instruments, such as the flute, clarinet, trumpet, trombone, saxophone, and tuba, as well as percussion instruments. In addition, we work on students' motor coordination, independence, collaborative practices, and Basic Musical Instrument Technique with level 1 and 2 music. In Musical Theory, we deepen students' ability to read melody and rhythm (whole, half, and quarter musical figures), using technology. In music history, we deepen our understanding of the European Renaissance and Baroque musical traditions and Electronic Music.

Physical Education

Physical Education in Grade 7 aims to develop intermediate sport-specific skills. The course includes the principles of practice and conditioning that improve performance and the physical valences of speed, endurance, agility, coordination, mobility, and balance. Content related to developing social-emotional skills is also explored.

Science

Middle School Science courses revolve around the Scientific Method in students' everyday practices. Students are exposed to the ideas of testing hypotheses, controlling variables, and posing questions conducive to this testing framework. The Science Fair is the main event at which this knowledge is presented. The main conceptual goal is to foster critical thinking about scientific concepts and ideas in order to promote autonomy to make informed life choices. In Grade 7, this goal is achieved by understanding the relations between different scientific areas, encompassing energy and its conscious use by humanity, diversity and conservation of ecosystems, and health and life choices. On a larger scale, students will understand the role of Earth's structures (tectonic plates, atmosphere) in maintaining the conditions that enable life on our planet, as well as the natural and human impacts that may threaten biodiversity. We use different class activities during the course to foster engagement and authentic learning, including class discussions, taking notes, lab experiments, simulations, and self-paced learning activities.

Social Studies

Social Studies in Grade 7 picks up right where we left off from Grade 6—the transition to the late Middle Ages. We continue to work on the core set of tools provided by the social sciences to understand how the medieval and modern worlds were built, analyzing change and continuity in different historical scenarios, and investigating the many layers of interplay between societies and the environment. Crucially, during the second half of the course, students investigate Brazilian Colonial History and Brazilian Geography, analyzing them with the tools and concepts they have been learning since Grade 6.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

World Languages

Português

Os estudos de língua portuguesa têm como objetivos continuar a sistematização de aspectos gramaticais de morfologia - verbo, pronome, preposição, advérbio -, introduzir o estudo de sintaxe – sujeito, predicado – e ampliar a abordagem de leitura e escrita. A

análise linguística será sempre aplicada aos textos lidos, de diversidade de tipos – entre eles, narrativos, argumentativos, entrevistas, resenhas poemas – e à produção textual. As abordagens serão orientadas pela Base Nacional Comum Curricular – BNCC para que os alunos se tornem mais seguros nas relações em que o uso da língua padrão seja necessário e para interagir com manifestações estéticas.

Português como Língua Estrangeira (PLL)

O ensino de Português como língua estrangeira (PLL) objetiva fornecer ferramentas ao aluno para que interaja com o mundo de uma nova forma, que seja proficiente não só na língua usada neste país, mas também em modos de compreender o povo brasileiro e viver aqui. Para isso, os estudantes são estimulados a desenvolver habilidades de compreensão e produção de textos orais e escritos em língua portuguesa, possibilitando que atinjam níveis que possibilitem construção de conhecimentos, desenvolvam competências próximas às de um falante nativo.

Spanish

This course provides tools for students to formulate, compare, and justify the acquisition of new content, resources, and topics related to their daily lives and environment through a comparative analysis that allows them to solve specific problems. They will be prepared to communicate orally and in writing in their daily social environment. Students formulate their opinions highlighting their preferences and tastes regarding current issues and their daily environment through a comparative analysis that allows them to solve general and specific problems. Through a variety of readings and by engaging in debates, students will experience different ways of expressing their ideas.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 8

Art

Art education encompasses a distinctive range of abilities that help us discover who we are and communicate with the world. Art might be one of the most ancient forms of answering the question “who am I?” and “why are we here?” From Prehistory to Contemporary art, artists have explored different ways to express their sensibility, perception, reflection, and imagination. Middle school students will learn the effects of various visual structures to be able to communicate different ideas visually. Art history in Grade 8 encompasses the period between Baroque Art and Art Nouveau, focusing on understanding each period’s historical and cultural aspects and its art objects. Students experiment with different media and techniques and produce original artworks based on their learnings.

Drama

The Drama program aims to develop and enrich the knowledge of acting skills, body awareness, vocal expressiveness, dramatic readings, writing texts, and interaction as a character.

English

In English, students engage with a selection of texts designed to support their continuing growth as effective readers, writers, and communicators. These texts include *The Outsiders* by S.E. Hinton, *Persepolis* by Marjane Satrapi, and *After Ever After* by Jordan Sonnenblick. Additionally, students read a collection of fairy tales and fables, as well as various myths and legends from around the world. These are supported with a number of short fiction stories connected to the Hero’s Journey. As students work through these various books and stories, they explore different topics and concepts connected to various types of writing—informative, argumentative, narrative—and the skills involved in improved writing efficacy. Through their reading and writing development, students explore literary themes that include wealth disparity, cycles of violence, honor and loyalty, religion, and nationalism in the face of modernity, among others. Students also are given plenty of opportunities to present their thoughts, ideas, and informed opinions to develop their speaking and listening skills.

Junior Youth Spiritual Empowerment

The Junior Youth Spiritual Empowerment program is a Bahá'í-inspired program that strives to equip young people with a profound understanding of their own potential. The program's overarching goals are multifaceted, aiming to develop the power of expression, foster the capacity to make positive decisions, promote comprehension and critical thinking, and encourage the planning and execution of service projects. In Grade 8, students develop an understanding of topics such as our inner powers, the nature of spiritual perception, connections between material and spiritual dimensions, comprehension of physical and social realities, and the application of knowledge for the betterment of a community.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Math

The mathematics curriculum is tailored to provide teenagers with a robust foundation in advanced mathematical concepts. In Grade 8, students learn exponent properties to solve problems, and this subject results in scientific notation. They study the Pythagorean Theorem after understanding radicals and irrational numbers to perform operations and solve problems. Students also learn how to solve and graph linear equations and how to use direct and inverse proportional reasoning. The exploration of geometric relations and the Pythagorean Theorem will uncover the hidden symmetries and proportions within shapes and spaces. The end of the Middle School program also allows students to delve into probability models and analyze uncertainty, make informed predictions, and comprehend the essential principles of chance and randomness while enhancing their problem-solving skills.

Music

In Music, teaching musical instruments continues with the flute, clarinet, trumpet, trombone, saxophone, tuba, and percussion instruments. We work to improve students' motor coordination, independence, collaborative practices, and Basic Musical Instruments Technique with level 3 and 4 music. In Musical Theory, we deepen students' ability to read melody and rhythm (whole, half, quarter, and eighth musical figures) and major musical scales using technology. In music history, we explore European Classical and Romantic periods and the differences between music and opera.

Physical Education

Physical Education in Grade 8 aims to develop intermediate sport-specific skills. The course includes the principles of practice and conditioning that improve performance and the physical valences of speed, endurance, agility, coordination, mobility, and balance. Content related to developing social-emotional skills is also explored.

Science

Middle School Science courses revolve around the Scientific Method in students' everyday practices. Students are exposed to the ideas of testing hypotheses, controlling variables, and posing questions conducive to this testing framework. The Science Fair is the main event at which this knowledge is presented. The main conceptual goal is to foster critical thinking about scientific concepts and ideas in order to promote autonomy to make informed life choices. In Grade 8, this goal is achieved by understanding more complex topics in Science, such as electricity in theoretical and applied contexts, and basic principles in astronomy. In Grade 8, students comprehend the biological concepts surrounding the process of reproduction and address challenges regarding puberty, contraceptive methods, and preventing sexually transmitted infections (STIs) in an environment that promotes empathy, equity, and ethics. We use different class activities during the course to foster engagement and authentic learning, including class discussions, taking notes, lab experiments, simulations, and self-paced learning activities.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Social Studies

Social Studies in Grade 8 is about the significant revolutionary developments that occurred during the eighteenth and nineteenth centuries. Students explore some factors that helped shape, drive, and facilitate these particular developments and examine how these events changed the world. These historical events serve as models to understand contemporary stories today and determine the extent to which these revolutions were successful through historical inquiry.

Students also work on Human Geography and its tools. This is a continuation of the work that began in Grade 7. Grade 8 students go beyond Brazil, investigating the transformation of the world, regional geographic space, and their economies. Topics such as capitalist globalization and the existing geopolitical relationships between countries and their societies serve as a basis for analyzing the changes that will occur during the twentieth and twenty-first centuries.

World Languages

Português

O Grade 8 supõe um usuário mais competente da língua padrão. A leitura de tipos textuais variados – entre eles narrativo, entrevista, poema, artigo de opinião, dramático – e a produção de textos serão fortemente trabalhadas como forma de ampliar o repertório linguístico e, também, de sistematização gramatical. A análise linguística envolverá a finalização de aspectos de morfologia – estrutura das palavras, processos de formação de palavras – e introdução da sintaxe - período simples. A abordagem da língua será orientada pela Base Nacional Comum Curricular – BNCC, para continuar o desenvolvimento linguístico de usuários autônomos, críticos e criativos.

Português como Língua Estrangeira (PLL)

O ensino de Português como língua estrangeira (PLL) objetiva fornecer ferramentas ao aluno para que interaja com o mundo de uma nova forma, que seja proficiente não só na língua usada neste país, mas também em modos de compreender o povo brasileiro e viver aqui. Para isso, os estudantes são estimulados a desenvolver habilidades de compreensão e produção de textos orais e escritos em língua portuguesa, possibilitando que atinjam níveis que possibilitem construção de conhecimentos, desenvolvam competências próximas às de um falante nativo.

Spanish

While students are advised to take courses based on their demonstrated proficiency and interest, the courses listed below are open to all students.

Spanish 1

This course has five units, each of which has specific contents according to the European Common Framework. Students study introductions and greetings, talk about daily routines and unforgettable vacations, and report on past events highlighted in the biographies of personalities from the Hispanic world. Students also learn to talk about customs and taboos, the recent past, and free time. All topics and content are linked to the grammatical structures of each unit and its theme-related vocabulary and expressions.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Spanish 2

Spanish 2 focuses primarily on oral and written expression through debates, presentations, and performances on current social and cultural issues and historical events. The grammar studied in previous courses is a fundamental requirement to deepen the grammatical concepts seen throughout this year. Students have the opportunity to learn about the life and work of Spanish-speaking artists and writers in line with Brazilian literature and work. Using argumentative, narrative, and informative texts, students explore themes related to the relationship between human beings and the environment.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

High

Grades 9 to 12

Grade 9

Art

Our curriculum offers multiple courses to meet the specific needs of all students.

Drama

Students choose between Drama and Music.

Drama class aims to develop creativity and planning skills as well as the vocal power, body expression, and scenic exploration fundamental to understanding the actor. Students present a play in conjunction with the music department at the end of the academic year.

Music

Students choose between Drama and Music.

Music class continues to introduce musical instruments like the flute, clarinet, trumpet, trombone, saxophone, and tuba, including techniques and the history of musical instruments. Students also learn to play several percussion instruments. In addition, they develop motor coordination, independence, collaboration, and Intermediate Musical Instruments Technique with level 5 and 6 music. In Musical Theory, we deepen the melodic and rhythmic reading (Whole, Half, Quarter, Eighth, and Sixtieth Musical Figures), and major musical scales, using technology for this purpose. In music history, we study the modern period.

Visual Arts

This course is required for all students.

Visual Arts is different from the study of arts from a theoretical and practical point of view. With an emphasis on studio art, students explore a wide range of 2D and 3D media, skills, and techniques related to modern and contemporary art perspectives. The hands-on classes aim to provide students with opportunities for visual creation using various artistic techniques. Projects throughout high school may include the creation of drawings, paintings, ceramics, collages, mixed media, photography, and digital art. Practices will be directed toward the objective of each student, with a focus on art history from the Modern and Contemporary Eras. At the end of the school year, students will understand relationships among works of art in terms of history, aesthetics, and culture and know how to use artistic and aesthetic sensibility in day-to-day life. They will be able to design effective artworks in terms of organizational structures and functions, successfully expressing their ideas, views, and opinions in an original way.

English

English is a yearlong course in literature and writing in which students will read a variety of literature, including classic works such as *To Kill a Mockingbird* by Harper Lee, *The Catcher in the Rye* by J.D. Salinger, banned and censored books, and *Romeo and Juliet* by William Shakespeare. Students consider, discuss, and analyze ideas and themes like courage and empathy, coming of age, censorship, bias, relationships, and fate. From a skills perspective, students refine their writing of the four main

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

types of sentences (i.e., simple, compound, complex, and compound-complex), so as not to write comma splices; they also learn to use semicolons. Additionally, as writers, listeners, and speakers of English, students are instructed in developing claims prompted by questions and using textual evidence and reasoning to support their claims.

Math

This comprehensive course reflects the commitment to fostering academic excellence and mathematical proficiency. It is designed to provide students with a well-rounded mathematical foundation that extends their conceptual understanding and problem-solving skills. Throughout the year, students explore a range of topics including advanced algebraic concepts such as quadratic equations, polynomial functions, and systems of linear equations. The study of geometric principles and data analysis enhance the learning experience as students move forward in high school fostering critical thinking, analytical reasoning, and mathematical literacy.

Nations in Action

This unique four-year course builds on the process started in previous stages, assisting youth in developing capabilities to work on their self-transformation, their relationships with others and the environment, and accurately analyze the reality around them to define how they can contribute to the betterment of the world. The program encourages students to actively engage, design and implement service initiatives with a higher level of complexity to impact society in a systematic, organic, and sustainable way, which are implemented outside of class time in a community of their choice. In Grade 9, students begin this course by studying *The Powers of Youth*, *Changing the World - one small action at a time*, *Reading Reality & Building a Collective Vision*, and *Taking Action*.

Physical Education

Physical Education in Grade 9 encourages students to constantly improve their motor skills by developing intermediate sport-specific skills. In addition, it addresses the characteristics and importance of a healthy lifestyle, knowledge of principles that enhance physical conditioning and performance, and the concept of playing and practicing sports as a powerful tool of interaction among students.

Science

Our curriculum offers multiple courses to meet the specific needs of all students.

Science (Grade 9)

Grade 9 Science bridges the foundational scientific principles studied in Middle School to the deeper concepts that will be covered in Biology, Chemistry and Physics during high school. Students must deepen their comprehension about Science to understand more complex scientific ideas, such as chemical reactions, electromagnetism, heredity, evolution, astronomy, and exobiology. The main goal is to go beyond theoretical knowledge in order to understand the applications and limitations of technological advancements through the lens of sustainability. We use different class activities during

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

the course to foster engagement and authentic learning, including class discussions, taking notes, lab experiments, simulations, and self-paced learning activities.

Advanced Placement (AP) Computer Science Principles

This course is open to all high school students and is offered after regular class hours from 3:25 to 4:45 p.m.

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable curriculum. The course explores many foundational ideas of computing, so students understand how these concepts transform the world in which we live. Throughout the year, students explore how computers store complex information like numbers, text, images, and sound and debate the impacts of digitizing information. They also learn how the internet works and discuss its impact on politics, culture, and the economy. Further, they will design their first app while learning fundamental programming concepts and collaborative software development processes.

AP Environmental Science

This course is open to all high school students and is offered after regular class hours from 3:25 to 4:45 p.m.

The course engages students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Social Sciences

Our curriculum offers multiple courses to meet the specific needs of all students.

Brazilian Social Studies

Grade 9 Brazilian Social Studies is offered in Portuguese, and it puts together major global events and pivotal Brazilian historical moments that have shaped the world we have today. Topics include significant world wars, the emergence and fall of global powers, key political revolutions, and the historical journey of Brazil's evolution from a post-colonial nation to a significant player in global politics. Furthermore, students cover the physical and human geography of Europe and Asia in order to understand how geographical factors have influenced the development, interactions, and conflicts among nations, cultures, and regions. This course serves as a wrap-up to the "*Ensino Fundamental—Anos Finais*" period, bringing together the various tools, layers of analysis, and perspectives developed in Grades 6, 7, and 8.

World History

This course is required for all students.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

This course investigates the main processes and themes of the twentieth century. At its heart, the course is centered around the struggle for power by different regimes and how they affected the daily lives of everyone. Students use higher-order thinking skills, such as analyzing and evaluating diverse types of primary and secondary sources. Topics are related to World War I and II, the rise of totalitarian regimes, the Cold War, the Afro-Asian decolonization movement, and the fall of the Soviet Union.

World Languages

Portuguese and Spanish are required courses for all students. While students are advised to take courses based on their demonstrated proficiency and interest, all courses are open to all students.

Português

No Grade 9, os alunos concluem os conhecimentos básicos da língua portuguesa. Aprofundam-se aspectos que auxiliam na compreensão e na produção textual. Insiste-se que se expressem com coerência e clareza nas diversas situações de comunicação. A produção de textos escritos prioriza dissertação, textos de opinião, resenha crítica. Estimulam-se pensamento crítico, habilidade de análise, pesquisa e, enfim, o aprofundamento das práticas linguísticas gerais. Na gramática, ampliam-se e complementam-se conhecimentos de sintaxe – concordância, regência, colocação pronominal, período composto. Toda a abordagem será concretizada em textos de forma que os estudantes percebam que a língua está a serviço de interações. A oralidade também faz parte das atividades, envolvendo leitura, seminário, criação de podcast. O objetivo final é que os estudantes ampliem não apenas o domínio e o uso da língua, mas, também, a visão de mundo por meio dela.

AP Spanish Language and Culture

This class provides high school students with a rich and rigorous opportunity to study the language and culture of the Spanish-speaking world. The course takes a comprehensive approach to language proficiency, promoting fluency and accuracy in language use and avoiding an overemphasis on grammatical accuracy at the expense of communication. The course is taught in Spanish to facilitate the study of language and culture. To provide context and content for students to develop their skills in the modes of communication, the course uses a thematic approach through the following six required course themes: families and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Spanish

This course has five units, each with specific content following the Common European Framework. Students will be able to talk about habitual actions in the past, make comparisons, move around the city, put an ad in a newspaper, express indeterminate quantities, give instructions impersonally, use the imperative to give advice, talk about moods, express wishes using the present subjunctive, and talk about healthy habits. They will also discuss work with an emphasis on professions of the future, read and understand news from a newspaper, use indirect speech, talk about plans, and place an activity in the future explaining and defining basic concepts.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 10

Art

Our curriculum offers multiple courses to meet the specific needs of all students.

Drama

Students choose between Drama and Music.

Drama is an elective course for students in Grades 10 and 11 and aims to provide them with the opportunity to apply techniques of drama as well as theoretical knowledge of scenic elements. It also works with constructing scenes based on student-produced scripts, the visual appreciation of existing plays, and theoretical study of the history of theater, helping students prepare for Brazilian university entrance exams.

Music

Students choose between Drama and Music.

In Grade 10 and 11 Music classes, students learn techniques to play musical instruments and the history of the instruments in depth. They work on collaborating and advanced-level music. In Musical Theory, students are introduced to functional harmony and delve deeper into melodic and rhythmic reading, counterpoint, and major and minor musical scales, as well as liturgical modes.

Visual Arts

With an emphasis on studio art, students in Grade 10 explore a wide range of 2D and 3D media and skills and techniques related to contemporary and historical art perspectives. The hands-on classes aim at visual creation using various artistic techniques. Projects throughout high school may include the creation of drawings, paintings, prints, collages, mixed media, 3D printing, photography, and digital art. Practices are directed toward the objective of each student, with a focus on art history from prehistoric times to the Renaissance. At the end of the school year, students will understand relationships among works of art in terms of history, aesthetics, and culture and know how to apply artistic and aesthetic sensibility in day-to-day life. They will be able to design effective artworks in terms of organizational structures and functions, successfully expressing their ideas, views, and opinions in an original manner.

English

Students will read a variety of literature, including works such as *The House on Mango Street*, *Night*, and *A Midsummer Night's Dream*. Students are encouraged to think about books as windows (into other worlds), mirrors (reflections of their own experiences), and doors (ways to experience the lives of others). Students also have the opportunity to select and read novels of their own choice. In addition, literature at this level includes an extensive study of poetry, especially contemporary and spoken-word poetry. A major writing assignment asks the students to write and present their own spoken-word poems. While students have the opportunity for creative writing, other writing assignments in this course focus on literary analysis to prepare them for the types of essays they will

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

be expected to write in Grades 11 and 12, especially if they choose to take Advanced Placement courses.

Mathematics

The mathematics curriculum offers multiple paths to meet the specific needs of all students.

AP Statistics

This course is open to students in Grades 10, 11, and 12. AP Statistics follows the AP course content outlined by the College Board. Students learn how statisticians approach variation and practice representing data, describe distributions of data and draw conclusions based on a theoretical distribution. They also learn how to represent two-variable data, compare distributions, describe relationships between variables, and use models to make predictions. Additional themes include data collection, probability, random variables, probability distributions, sampling distributions, and inference for categorical and quantitative data.

Honors Math

This course is open to students in Grades 10, 11, and 12. Honors Math prepares students who are interested in science and engineering. It is divided into three blocks: Introduction to Linear Algebra, Introduction to Complex Analysis, and Modeling and Applications. Starting with Introduction to Linear Algebra, the course covers important topics such as linear algebra and matrices, vectors, complex numbers and algebra, and modeling cases of mathematics and applications in general.

Math

Students will experience significant mathematical growth and intellectual development during this rigorous course. The main topics revolve around the study of functions, transformations, and arithmetic/geometric sequences. Geometric concepts such as trigonometric identities allow students to engage with spatial reasoning and visual problem-solving. Furthermore, statistical exploration will cover data interpretation and probability distributions, enhancing students' ability to make informed decisions based on data. Critical thinking provokes an appreciation for the power of mathematics in various academic and practical contexts. This curriculum not only equips students for future mathematical challenges but also empowers them with skills that are indispensable in the ever-evolving world.

Pages of Patterns - Mathematics and Literature

Open to students in Grades 10, 11, and 12, this exciting and innovative elective seamlessly blends the worlds of mathematics and literature. In this interdisciplinary course, students embark on a unique journey that challenges their critical thinking skills while fostering a deep appreciation for both subjects. Through carefully selected literary works from various cultures and time periods, students analyze the implicit mathematical concepts embedded in the texts. From the symmetry in poetry to the numerical patterns in prose, students uncover the hidden mathematical gems within literary masterpieces. Simultaneously, they explore how mathematics has been represented and integrated into literature as a powerful storytelling tool. Engaging in discussions and interactive activities

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

encourages students to see the inherent interconnectedness of these seemingly distinct disciplines, nurturing a holistic understanding of both math and literature.

Nations in Action

This unique four-year course builds on the process started in previous stages, assisting youth in developing capabilities to work on their self-transformation, their relationships with others and the environment, and accurately analyze the reality around them to define how they can contribute to the betterment of the world. The program encourages students to actively engage, design, and implement service initiatives with a higher level of complexity to impact society in a systematic, organic, and sustainable way, which are implemented outside of class time in a community of their choice.

In their second year of this course, students advance their understanding of the following: Mental Models and Conceptual Frameworks, Building a New Understanding of Leadership, The Needs of the Age We Live In, and The Power of Taking Action.

Physical Education

Physical Education in Grade 10 encourages students to constantly improve their motor skills by developing advanced sport-specific skills and sometimes applying the appropriate form sequence in fundamental locomotor combinations. In addition, this course addresses the importance of regular physical activity and an active lifestyle in preventing disease.

Science

Our curriculum offers multiple courses to meet the specific needs of all students in the production and application of scientific and technological knowledge aimed toward the preservation and sustainability of our planet; and the development of a curious, but analytical mindset that addresses scientific misconceptions in order to make informed choices when facing problems of the modern world. The first semester focuses on all things micro: biochemistry, cells, basic biological organization, reproduction, and heredity. In the second semester, we take a giant leap into the macro: ecology, ecosystems, biodiversity, and evolution.

AP Environmental Science

This course is open to all high school students and is offered after regular class hours from 3:25 to 4:45 p.m.

AP Environmental Science

This course is an elective open to all high school students.

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP Physics 1

This course is an elective open to students in Grades 10 and 11.

AP Physics 1 uses inquiry-based instructional strategies focusing on experimentation to develop students' conceptual understanding of physics principles. Students begin studying a topic by observing and discovering patterns of natural phenomena. The next steps involve developing, testing, and applying models. Throughout the course, students construct and use multiple representations of physical processes, solve multi-step problems, design investigations, and reflect on knowledge construction through self-assessment rubrics. In most labs, students use probeware technology in data acquisition. In the classroom, they use graphing calculators and digital devices for interactive simulations, Physlet-based exercises, collaborative activities, and formative assessments.

Biology (Grade 10, 11, and 12)

This course provides a survey of the major disciplines within Biology: biochemistry, cell biology, genetics, evolution, and the diversity of life and ecology. The main purpose of this course is for students to understand how living systems develop and sustain in natural environments. Students develop life skills that involve understanding and questioning the unreasonable quest of humans to intervene in the environment; the involvement in the production and application of scientific and technological knowledge aimed toward the preservation and sustainability of our planet; and the development of a curious, but analytical mindset that addresses scientific misconceptions in order to make informed choices when facing problems of the modern world. The first semester focuses on all things micro: biochemistry, cells, basic biological organization, reproduction, and heredity. In the second semester, we take a giant leap into the macro: ecology, ecosystems, biodiversity, and evolution.

Chemistry (Grades 10, 11 and 12)

Knowledge of Chemistry provides students with a scientific point of view about the natural and physical phenomena encompassing Physics, Biology, and Mathematics. This course is designed to build on chemical concepts, by developing and understanding the applications of Chemistry in daily life and explaining the different phenomena from a chemical point of view. In Chemistry, students understand the composition, structure, and properties of material substances, their interactions, and the effects produced on them when adding or extracting energy in any of its forms. Throughout the course, students develop basic knowledge of the main areas of Chemistry that are essential for students who intend to take science-related courses in college.

Forensic Science

This course is an elective open to all high school students.

Forensic Science can be defined as any science used within the criminal justice system. While this definition may be simple, the field of forensic science is anything but simple. Crime scene investigators and lab technicians use specialized skills and tools to collect, analyze, and present evidence to solve a crime and successfully convict the offender, or exclude an innocent suspect. Forensic Science establishes a connection between many areas of science, such as Chemistry, Physics, and Biology. In

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 10, the course covers the topics of observation skills, crime scene, crime, blood, DNA, ballistics, evidence, toxicology, and criminal justice.

Lab Skills (Grade 10, 11 and 12)

Throughout this course, students engage in a dynamic learning experience that combines theoretical knowledge with practical applications. They have the opportunity to perform diverse experiments, conduct analyses, and make exciting discoveries. From understanding chemical reactions and molecular structures to exploring the intricacies of living organisms and the laws governing the physical world, this course fosters a deep appreciation for the natural sciences.

Social Sciences

Our curriculum offers multiple courses to meet the specific needs of all students.

AP Comparative Government and Politics

This course is an elective open to students in Grades 10 and 11.

The course introduces students to the rich diversity of political life outside the United States. It uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges of six countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems. Students will also engage in disciplinary practices that require reading and interpreting data, making comparisons and applications, and developing evidence-based arguments.

AP Human Geography

This course is an elective open to students in Grades 10 and 11.

The course introduces students to the systematic study of patterns and processes that have shaped the human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

Brazilian Social Studies

Grade 10 BSS is offered in Portuguese and goes back in time and space as it rebuilds the students' toolbox with more sophisticated tools. The course offers a deep dive into human and physical geography, with issues such as urbanization, industrialization, human interaction in the environment, population, and migration, among others. These are coupled together with source analysis, continuity and change, causation, comparison and so on. The combined set of tools is then used to investigate the Dawn of Humankind, Ancient Civilizations, the European Middle Ages, and the Birth of the Modern World (the Renaissance, the Age of Discovery, and the Protestant Reformation). Students also study Brazil and Africa in their pre-colonial and colonial phases and how they interacted with each other.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Geopolitics

In this course, students study the application of power in a variety of contexts and international settings. The course gives students a wide range of case studies and real-world examples for analyzing international relations and problem-solving. The course allows for the study of environmental issues such as global efforts to mitigate climate change, environmental degradation in the Niger Delta, the power of non-state actors., e.g., organized crime, terrorism, and online social movements, and an analysis of traditional state conflict with an in-depth study of the Vietnam War.

World and Brazilian History

This course is required for all students.

History students review various concepts and themes previously covered in Grades 6 through 9. In Grade 10, they deepen their understanding by using more sophisticated tools and frameworks to analyze sources and issues related to change and continuity and develop historical arguments. The course starts with the Dawn of Humankind and goes all the way to the Birth of the Modern World, namely the European Renaissance, Age of Discovery, and Protestant Reformation. Students also investigate the Brazilian Colonial Period and how it related to topics such as the Atlantic Slave Trade, African societies, and various exchange networks.

World Languages

Portuguese and Spanish are required for all students. While students are advised to take courses based on their demonstrated proficiency and interest level in Spanish, all courses are open to all students.

Português - Gramática

Os alunos terão oportunidade de ampliar seu universo linguístico-literário para que atuem na sociedade como sujeitos críticos e cidadãos responsáveis a partir de leitura e produção de textos de diversos gêneros – narrativos (contos, crônicas), dissertativos, poemas. Desenvolverão a habilidade de análise e interpretação de textos com visão crítica, que se refere à competência II da prova do Exame Nacional do Ensino Médio (ENEM). Reconhecerão a aplicabilidade da análise linguística relacionada ao contexto, a fim de identificar desvios da norma-padrão e serem capazes de empregá-la em situações em que deve ser usada, nos aspectos de ortografia, acentuação gráfica, sintaxe de concordância, de regência e de colocação pronominal, referentes à competência I da prova do ENEM.

Português - Literatura

Os alunos conhecerão o que é Literatura, o surgimento dela, os objetivos do estudo e os primeiros textos “literários” produzidos em nosso país. Deverão ser capazes de compreender a importância dessa arte como instrumento de comunicação, interação social e fruição. Para que os objetivos sejam alcançados, vão explorar habilidades de compreensão, investigação, análise, evolução e impacto da arte literária nas civilizações. Os estudos serão aplicados na leitura de obras - completas ou em excertos – em língua portuguesa, em análise de objetos artísticos de mídias, bem como em produções que estimulem o pensamento crítico.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

AP Spanish Literature and Culture

The course is spread out over three years of high school and is organized into units of study that take a chronological approach to study literary works. Students develop skills in critical reading and literary analysis and contextualizing literary works within historical, geopolitical, sociocultural, and cultural contexts. The content is grounded in thirty-eight required texts from Spain, Latin American countries, and the US. The six required course themes provide a meaningful basis for making contextual connections among works of different genres, periods, movements, and techniques. In Grade 10, students study literary works from the Middle Ages through the Renaissance.

Spanish

This course has four units, each having specific contents according to the European Common Framework. Students deal with different topics related to solidarity, learning from experience, describing past times, and essential objects of the last generation. They talk about houses of the future, eating habits, coexistence among friends, and adoption. Conversations are linked to lessons and use the grammatical structures for the particular exercise and the vocabulary and expressions of each theme.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 11

Art

Our Arts curriculum offers various courses to meet the specific needs of all students.

Drama

Students choose between Drama and Music.

Drama is an elective for students in Grades 10 and 11 that aims to provide students with the opportunity to apply techniques of drama as well as theoretical knowledge of scenic elements. It also works with constructing scenes based on student-produced scripts, the visual appreciation of existing plays, and theoretical study of the history of theater, helping students prepare for Brazilian university entrance exams.

Digital Storytelling

This course is an intersection of the art of telling stories with the use of digital tools where students are the protagonists. We examine topics ranging from media literacy to content writing skills to the use of multimedia platforms such as video making, blogging, and social media.

Music

Students choose between Drama and Music.

In Grades 10 and 11, students learn techniques and instrument history in depth. They work on collaboration and advanced-level music. Students delve deeper into music theory and reading melodies and rhythms, counterpoint, and major and minor musical scales. They also begin studying liturgical modes.

Visual Arts

With an emphasis on studio art, Grade 11 students explore a wide range of 2D and 3D media, skills, and techniques related to contemporary and historical art perspectives. The hands-on classes aim to provide opportunities for visual creation using various artistic techniques. Projects throughout high school may include the creation of drawings, paintings, prints, collages, mixed media, 3D printing, photography, and digital art. Practices are directed toward the objective of each student, with a focus on art history from the Renaissance to Post-Impressionism with Van Gogh. At the end of the academic year, students will understand relationships among works of art in terms of history, aesthetics, and culture and know how to use artistic and aesthetic sensibility in day-to-day situations. They will be able to design effective artworks in terms of organizational structures and functions, successfully expressing their ideas, views, and opinions in an original manner.

English

Our curriculum offers multiple courses to meet the specific needs of all students.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

AP Language and Composition

This course aligns with the objectives and expectations outlined by the College Board. This rigorous course gives students many opportunities to examine a writer's purpose and use of rhetorical devices, including tone, diction, audience, organization, appeal, and style. The course teaches students how to read and evaluate primary and secondary sources to incorporate them into an original composition. They learn how to link technique and meaning into well-organized, supported, logical responses to complex texts (primarily nonfiction). All students are encouraged to take the AP English Language and Composition exam in May. The overarching purpose of this class is to teach students to read texts closely and to develop clarity, complexity, self-awareness, flexibility, effectiveness, and confidence in their own writing. Students will read major works such as *Brave New World*, *Into the Wild*, *In Cold Blood*, and *Julius Caesar*. They will do extensive writing, focusing on the strategies for decoding and responding to AP free response/ essay prompts, including the argument, synthesis, and rhetorical analysis essay.

Language and Composition

Aligned with the objectives and expectations of the College Board, this course is similar to the AP course but is less focused on preparation for the AP Exam. The course aims to give students many opportunities to examine a writer's purpose and use of rhetorical devices, including tone, diction, audience, organization, appeal, and style. The course teaches students how to read and evaluate primary and secondary sources to incorporate them into an original composition. The overarching purpose of this class is to teach students to read texts closely and to develop clarity, complexity, self-awareness, flexibility, effectiveness, and confidence in their own writing. Students will read major works such as *Brave New World*, *Into the Wild*, *In Cold Blood*, and *Julius Caesar*.

Mathematics

Our curriculum offers multiple courses to meet the specific needs of all students.

AP Computer Science A

This course is open to students in Grades 11 and 12. The template is designed to provide students with a comprehensive understanding of computer programming and computational problem-solving. Throughout the curriculum, students will explore a wide range of topics including fundamental programming concepts such as variables, data types, control structures, and methods; object-oriented programming principles including classes, objects, inheritance, and polymorphism; algorithm design and analysis; recursion; data structures including arrays, ArrayLists, and two-dimensional arrays; searching and sorting algorithms; and an introduction to basic software engineering practices including testing and debugging. By engaging with these essential topics, students cultivate their programming skills, logical reasoning, and creativity, while also gaining the ability to design and implement complex algorithms and applications. This course empowers students to think critically, collaborate effectively, and master the foundational concepts of computer science, laying the groundwork for further studies in this rapidly evolving field.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

AP Statistics

This course is open to students in Grades 10, 11, and 12. AP Statistics follows the AP course content outlined by the College Board. Students learn how statisticians approach variation and practice representing data, describe distributions of data and draw conclusions based on a theoretical distribution. They also learn how to represent two-variable data, compare distributions, describe relationships between variables, and use models to make predictions. Additional themes include data collection, probability, random variables, probability distributions, sampling distributions, and inference for categorical and quantitative data.

Honors Math

This course is open to students in Grades 10, 11, and 12. Honors Math prepares students who are interested in science and engineering. It is divided into three blocks: Introduction to Linear Algebra, Introduction to Complex Analysis, and Modeling and Applications. Starting with Introduction to Linear Algebra, the course will cover important topics such as linear algebra and matrices, vectors, complex numbers and algebra, and modeling cases of mathematics and applications in general.

Math

Grade 11 is a pivotal year in a student's mathematical journey toward academic excellence and intellectual advancement. This course is thoughtfully designed to deepen students' understanding of essential mathematical concepts while fostering critical thinking and problem-solving skills. Throughout the year, students engage in an extension of functions and their graphs. A complete study of trigonometry and the unit circle to finalize the algebra pathway. The exploration of 3D geometry deepens spatial understanding and visualization skills through the examination of three-dimensional shapes and their properties. Regarding probability and data analysis, learners rely on sets, counting principles and combinatorics. This curriculum not only prepares students for higher-level mathematics but also empowers them with skills that are essential in academic, professional, and real-world contexts.

Pages of Patterns - Mathematics and Literature

This course is open to students in Grades 10, 11, and 12. This exciting and innovative elective seamlessly blends the worlds of mathematics and literature. In this interdisciplinary course, students will embark on a unique journey that will challenge their critical thinking skills while fostering a deep appreciation for both subjects. Through carefully selected literary works from various cultures and time periods, students analyze the implicit mathematical concepts embedded in the texts. From the symmetry in poetry to the numerical patterns in prose, students uncover the hidden mathematical gems within the literary masterpieces. Simultaneously, they explore how mathematics has been represented and integrated into literature as a powerful storytelling tool. Engaging in discussions and interactive activities encourages students to see the inherent interconnectedness of these seemingly distinct disciplines, nurturing a holistic understanding of both math and literature.

Physical Education

Physical Education in Grade 11 encourages students to constantly improve their motor skills by developing advanced sport-specific skills and sometimes applying the appropriate form sequence in

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

fundamental locomotor combinations. In addition, this course investigates the long-term physiological benefits of regular physical activity.

Nations in Action

This unique four-year course builds on the process started in previous stages, assisting youth in developing capabilities to work on their self-transformation, their relationships with others and the environment, and accurately analyze the reality around them to define how they can contribute to the betterment of the world. The program encourages students to actively engage, design and implement service initiatives with a higher level of complexity to impact society in a systematic, organic, and sustainable way, which are implemented outside of class time in a community of their choice. During the third year of the course, they study: Operating in Learning Mode, Leadership, Mental Models and Habits, Community Service, Self-Transformation and Leadership, and Change is a Systematic and Organized Process.

Science

Our curriculum offers multiple courses to meet the specific needs of all students.

Biology - International

This course provides a survey of the major disciplines within Biology: biochemistry, cell biology, genetics, evolution, and the diversity of life and ecology. The main purpose of this course is for students to understand how living systems develop and sustain in natural environments. Students develop life skills that involve understanding and questioning the unreasonable quest of humans to intervene in the environment; the involvement in the production and application of scientific and technological knowledge aimed toward the preservation and sustainability of our planet; and the development of a curious, but analytical mindset that addresses scientific misconceptions in order to make informed choices when facing problems of the modern world. The first semester focuses on all things micro: biochemistry, cells, basic biological organization, reproduction, and heredity. In the second semester, we take a giant leap into the macro: ecology, ecosystems, biodiversity, and evolution.

AP Environmental Science

This course is an elective open to all high school students.

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP Physics 1

This course is an elective open to students who have successfully completed geometry.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

AP Physics 1 is an algebra-based, introductory college-level Physics course. The course uses inquiry-based instructional strategies focusing on experimentation to develop students' conceptual understanding of physics principles. Students begin studying a topic by observing and discovering patterns of natural phenomena. The next steps involve developing, testing, and applying models. Throughout the course, students construct and use multiple representations of physical processes, solve multi-step problems, design investigations, and reflect on knowledge construction through self-assessment rubrics. In most labs, students use probeware technology in data acquisition. In the classroom, they use graphing calculators and digital devices for interactive simulations, Physlet-based exercises, collaborative activities, and formative assessments.

Forensic Science

This course is an elective open to all high school students.

Forensic Science can be defined as any science used within the criminal justice system. While this definition may be simple, the field of forensic science is anything but simple. Crime scene investigators and lab technicians use specialized skills and tools to collect, analyze, and present evidence to solve a crime and successfully convict the offender, or exclude an innocent suspect. Forensic Science establishes a connection between many areas of science, such as Chemistry, Physics, and Biology. The course covers the topics of observation skills, crime scene, crime, blood, DNA, ballistics, evidence, toxicology, and criminal justice.

Chemistry - Brazilian Program

In Chemistry, students study the composition, structure, and properties of material substances, their interactions, and the effects produced on them when adding or extracting energy in any of its forms. This year we study the most diverse areas of Chemistry in the context of constructing scientific knowledge, reactions, and molecular interactions. Topics covered include atomic models, the periodic table, atoms, bonds, acid and base reactions, nuclear reactions, batteries, and electrolysis.

Physics - Brazilian Program

"Physics, combined with other knowledge, has contributed to a better understanding of the universe and the world in which we live. From here, we, the travelers of the spaceship Earth, continue to listen and understand in an increasingly broad and consistent way the subtle signs of the cosmos and nature itself." This year we become familiar with the basic concepts of thermometry, calorimetry, oscillations, gravitation, fluids, waves, optics, and thermodynamics.

Lab Skills (Grade 10, 11 and 12)

Throughout this course, students engage in a dynamic learning experience that combines theoretical knowledge with practical applications. They have the opportunity to perform diverse experiments, conduct analyses, and make exciting discoveries. From understanding chemical reactions and molecular structures to exploring the intricacies of living organisms and the laws governing the physical world, this course will foster a deep appreciation for the natural sciences.

Physics - Brazilian Program (Grade 11)

"Physics, combined with other knowledge, has contributed to a better understanding of the universe and the world in which we live. From here, we, the travelers of the spaceship Earth, continue to listen

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

and understand in an increasingly broad and consistent way the subtle signs of the cosmos and nature itself." In Grade 11, students become familiar with the basic concepts of thermometry, calorimetry, oscillations, gravitation, fluids, waves, optics, and thermodynamics.

Physics - International (Grades 11 and 12)

This course is designed to help students develop a solid conceptual foundation in Physics that will enable them to succeed in resolving high-level problems. This year, emphasis will be given first to learning how Newton's second law predicts changes in motion and linear momentum and how energy is applied to dynamics (kinetic and potential energy). Students will then discover that energy only transfers between systems and cannot be created or destroyed. Furthermore, we will discuss gravitational, electric, and magnetic fields to help students grasp how fields can explain forces at a distance. As a result, this topic will introduce the ideas of magnets and the magnetic fields produced by electric currents. We will also discuss electrical energy and how it can refer to either stored energy in a battery or energy transmitted by electric currents. Students will also learn about light as a wave and as a particle to learn about electromagnetic radiation. To better understand these concepts, we will study waves, wavelength, and frequency of a wave, as well as how these properties are related to one another by the wave's speed of propagation. Students will then comprehend that the study of stars' light spectra and brightness is used to determine the elements that make up stars, how they move, and how far away from Earth they are. This introduces the subject of astronomy, in which we will discuss how Kepler's laws define common characteristics of the motions of orbiting objects as well as other fascinating subjects like stars and the big bang theory.

Social Sciences

Our curriculum offers various courses to meet the specific needs of all students.

AP Comparative Government and Politics

This course is an elective open to students in Grades 10 and 11.

The course introduces students to the rich diversity of political life outside the United States. It uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges of six countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems. Students will also engage in disciplinary practices that require reading and interpreting data, making comparisons and applications, and developing evidence-based arguments.

AP Human Geography

This course is an elective open to students in Grades 10 and 11.

The course introduces students to the systematic study of patterns and processes that have shaped the human understanding, use, and alteration of Earth's surface.. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. Students also learn about the methods and tools geographers use in their research and applications.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

AP Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speech, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations individually and as a team. The course aims to equip students with the power to analyze and evaluate information with accuracy and precision to craft and communicate evidence-based arguments.

Geography

This course is offered in Portuguese only. It is required for all students NOT enrolled in the International Program.

The objective of this course is to stimulate the understanding of the alterations produced by humans and nature on the surface of the earth. Students focus on national and local geographic spaces and reflect on how key concepts can be applied to Brazil's geographic space. The study of Brazilian reality has various scales of influence, from local to global, that serve to analyze the big picture and daily life.

Geopolitics

This course focuses on addressing the political, institutional, and environmental issues affecting the world today and in recent history. Students focus on the topic of safeguarding human rights, e.g., contemporary issues in Saudi Arabia and China, the realities of environmental degradation by examining the Niger Delta, and the problem of Genocide, e.g., Cambodia and Rwanda. In all case studies, students research and study the chosen country/example and work toward providing solutions to complex geopolitical problems.

World and Brazilian History

Students focus on European, African, and Brazilian history from circa 1500 to the end of the nineteenth century. They read and organize data based on themes, write analytical and document-based responses, and analyze primary and secondary sources. At the end of the course, students will be able to understand the continuities and changes in political/economic mentality from 1450 to 1890, how the revolutions/ideologies have impacted the Atlantic world, and the cultural transformations in this period.

World Language

Portuguese and Spanish are required courses for all students. In Spanish, while students are advised to take courses based on their level of demonstrated proficiency and interest, all courses are open to all students.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Português - Gramática

Teremos oportunidade de refletir analítica e criticamente sobre a linguagem como fenômeno social, histórico, cultural e ideológico para que os estudantes atuem como cidadãos e usuários da língua conscientes de seu papel na sociedade. Além disso, elaborar textos da ordem do argumentar em que sejam apresentados tese, posicionamento, repertório e respectivas justificativas, o que constitui as competências III e IV da prova do ENEM. É importante destacar a habilidade de elaboração de proposta de intervenção (Competência V) consoante o respeito aos direitos humanos, empregar, analisar e avaliar mecanismos de coesão e coerência na construção de estruturas textuais. No que diz respeito à análise linguística, os alunos reconhecerão desvios apresentados na produção textual a fim de reescrevê-los conforme a norma-padrão.

Português - Literatura

Os alunos do conhecerão obras literárias, características e autores significativos do Romantismo, Realismo, Naturalismo, Parnasianismo e Simbolismo. Serão estimulados a reconhecer a importância da arte da palavra para a construção da identidade nacional. Interpretarão e analisarão produções estabelecendo comparações com obras da atualidade. Vão explorar habilidades como investigação e análise com objetivo, entre outros, de compreender a história social do período em estudo bem como a influência de cada um nos dias de hoje. A leitura de obras literárias será ampliada para objetos de mídia, debates que estimulem o raciocínio lógico e o pensamento crítico.

AP Spanish Literature and Culture

This course is spread out over three years of high school and is organized into units of study that take a chronological approach to studying literary works. Students develop skills in critical reading, literary analysis, and contextualizing literary works within historical, geopolitical, sociocultural, and cultural contexts. The content is grounded in thirty-eight required texts from Spain, Latin American countries, and the US. The six required course themes provide a meaningful basis for making contextual connections among works of different genres, periods, movements, and techniques. Students study literary works from the Renaissance, Baroque, and the beginning of the XX Century this second year.

Spanish

This course has four units, each of which has specific contents aligned with the European Common Framework, in which students will deal with topics related to publicity, the media of mass communication, the importance of leisure in contemporary life, and talking about an ideal vacation. All topics are linked with the grammatical structures, vocabulary, and expressions necessary to explore the theme in question.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Grade 12

Art

Our curriculum offers various courses to meet the specific needs of all students.

AP Art

The AP Art and Design program consists of two distinct courses and AP Portfolio Exams — AP 2-D and AP Drawing — corresponding to college and university foundation courses. Throughout the year, students will create a portfolio of work to demonstrate inquiry through art and design and the development of materials, processes, and ideas. Portfolios will include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams.

Photography

This elective course aims to enable students to master basic and intermediate photography and image editing concepts through practical and theoretical classes, using digital editing resources as support. At the end of the academic year, students will know the history of photography and the creational process of composing and editing photographs using semi-professional digital cameras, Photoshop, and Lightroom.

Visual Arts

Students will explore a wide range of 2D and 3D media, skills, and techniques related to contemporary and historical art perspectives. The hands-on classes aim for visual creation using various artistic techniques. Projects throughout high school may include the creation of drawings, paintings, prints, collages, mixed media, 3D printing, photography, and digital art. Practices are directed toward the objective of each student, with a focus on art history from modern to contemporary art, in other words, art from today. At the end of the academic year, students will understand relationships among works of art in terms of history, aesthetics, and culture and know how to use artistic and aesthetic sensibility in day-to-day life. They will be able to design effective artworks in terms of organizational structures and functions, successfully expressing their ideas, views, and opinions in an original manner.

English

While students are advised to take courses based on their demonstrated proficiency and interest, the courses listed below are open to all students.

AP Literature and Composition

Students choose between this course and “Page to Screen.”

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

The course follows the guidelines of the College Board and is a “study of representative works from various genres and periods, concentrating on works of recognized literary merit.” A rigorous course, literary analysis forms the bulk of students’ academic writing in AP Literature, with some creative writing and oral presentations interspersed for increased learning and sharing. This course is designed to challenge students to stretch beyond their current skills in writing and improve their ability to explain their understanding of literary texts clearly, cogently, and eloquently. These skills prepare students to better meet the challenges of the AP English Literature and Composition Exam and the rigorous standards of colleges and universities. By the end of the academic year, students should be able to closely read and critically analyze imaginative literature (poetry, prose, and drama) through annotation and note-taking; recognize the structure and style of works; understand how tone and theme are created; identify figurative language, imagery, and symbolism and discuss their effectiveness; respond to representative works from various genres and periods (knowing a few works well); recognize the social, cultural, and historical values a work reflects; write critical analyses of literature for understanding and evaluation; present information through oral and written presentations; and be better prepared for the AP English Literature Exam in May. While successfully participating in the AP testing program is an obvious goal of this course, the curriculum also focuses on helping students develop into effective communicators who think deeply, analyze critically, problem-solve effectively, and know how to research and write as they prepare for college.

Page to Screen

Students choose between this course and “AP Literature and Composition.”

In Page to Screen, students develop their close-reading skills as they examine several novels and plays and analyze how this material is adapted for the screen. Students study filmed versions of key scenes from the literature to supplement their understanding of plot and background points, encouraging them to consider directors’ and actors’ interpretations of the text. Students’ assessments will address those same skills—close reading for an understanding of themes and making their own choices in moving from the page to the screen. Works to be studied include *The Perks of Being a Wallflower*, *Hamlet*, and *Wit*.

Mathematics

The mathematics curriculum also offers multiple paths to meet the specific needs of all students.

AP Computer Science A

This course is open to students in Grades 11 and 12. The template is designed to provide students with a comprehensive understanding of computer programming and computational problem-solving. Throughout the curriculum, students will explore a wide range of topics including fundamental programming concepts such as variables, data types, control structures, and methods; object-oriented programming principles including classes, objects, inheritance, and polymorphism; algorithm design and analysis; recursion; data structures including arrays, ArrayLists, and two-dimensional arrays; searching and sorting algorithms; and an introduction to basic software engineering practices including testing and debugging. By engaging with these essential topics, students cultivate their programming skills, logical reasoning, and creativity, while also gaining the ability to design and implement complex algorithms and applications. This course empowers students to think critically,

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

collaborate effectively, and master the foundational concepts of computer science, laying the groundwork for further studies in this rapidly evolving field.

AP Statistics

This course is open to students in Grades 10, 11, and 12. AP Statistics follows the AP course content outlined by the College Board. Students learn how statisticians approach variation, practice representing data, describe distributions of data, and draw conclusions based on a theoretical distribution. They also learn how to represent two-variable data, compare distributions, describe relationships between variables, and use models to make predictions. Additional themes include data collection, probability, random variables, probability distributions, sampling distributions, and inference for categorical and quantitative data.

Honors Math

This course is open to students in Grades 10, 11, and 12. Honors Math prepares students who are interested in science and engineering. It is divided into three blocks: Introduction to Linear Algebra, Introduction to Complex Analysis, and Modeling and Applications. Starting with Introduction to Linear Algebra, the course covers important topics such as linear algebra and matrices, vectors, complex numbers and algebra, and modeling cases of mathematics and applications in general.

Math

The course concludes the study from prior years on Probability and Statistics, with a focus on analyses, understanding, and making inferences based on data and charts, paired with the studies on probability theory to calculate probabilities based on rules and theorems, such as conditional probability, compound probabilities, Binomial Distribution (Bernoulli Probability) and others. After Probability and Statistics, the course explores analytical geometry, with the study of points, lines, circles, and distances and how this is applied today to technologies, such as triangulation, the study of ray of lights, and theoretical mathematics. Finally, students are introduced to Polynomial Theory paired with Complex Algebra as the last major topic in Algebra, with some applications in engineering and physics.

Pages of Patterns - Mathematics and Literature

This course is open to students in Grades 10, 11, and 12. This exciting and innovative elective seamlessly blends the worlds of mathematics and literature. In this interdisciplinary course, students will embark on a unique journey that will challenge their critical thinking skills while fostering a deep appreciation for both subjects. Through carefully selected literary works from various cultures and time periods, students analyze the implicit mathematical concepts embedded in the texts. From the symmetry in poetry to the numerical patterns in prose, students uncover the hidden mathematical gems within the literary masterpieces. Simultaneously, they explore how mathematics has been represented and integrated into literature as a powerful storytelling tool. Engaging in discussions and interactive activities encourages students to see the inherent interconnectedness of these seemingly distinct disciplines, nurturing a holistic understanding of both math and literature.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Physical Education

Similar to Grade 11, but going more in depth, Physical Education in Grade 12 encourages students to constantly improve their motor skills by developing advanced sport-specific skills and sometimes applying the appropriate form sequence in fundamental locomotor combinations. In addition, this course investigates the long-term physiological benefits of regular physical activity.

Science

Our curriculum offers several courses to meet the specific needs of all students.

AP Environmental Science

This course is an elective open to all high school students.

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP Physics 1

This course is an elective open to students who have successfully completed geometry.

AP Physics 1 is an algebra-based, introductory college-level Physics course. The course uses inquiry-based instructional strategies focusing on experimentation to develop students' conceptual understanding of Physics principles. Students begin studying a topic by observing and discovering patterns of natural phenomena. The next steps involve developing, testing, and applying models. Throughout the course, students construct and use multiple representations of physical processes, solve multi-step problems, design investigations, and reflect on knowledge construction through self-assessment rubrics. In most labs, students use probeware technology in data acquisition. In the classroom, they use graphing calculators and digital devices for interactive simulations, Physlet-based exercises, collaborative activities, and formative assessments.

Biology - Brazilian Program (Grade 12)

The Grade 12 Biology course deepens students' understanding of specific topics explored in previous grades. The purpose is to enable students to understand that science does not have definitive answers to everything, with transformation being its main characteristic. This year, learning Biology will provide a healthy environment to question and debate current issues and learn purposeful information that will lead students to critical thinking and good decision-making skills. In the first semester, the focus is biotechnology. Students learn about genetics, evolution, technological advances in these fields, and their impact on our lives. In the second semester, the human body is the focus: starting with human reproduction and sexual education to understand later how all body systems work together to maintain homeostasis and how life choices can impact our health.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Biology - International (Grades 10, 11, and 12)

This course provides a survey of the major disciplines within Biology: biochemistry, cell biology, genetics, evolution, and the diversity of life and ecology. The main purpose of this course is for students to understand how living systems develop and sustain in natural environments. Students develop life skills that involve understanding and questioning the unreasonable quest of humans to intervene in the environment; the involvement in the production and application of scientific and technological knowledge aimed toward the preservation and sustainability of our planet; and the development of a curious, but analytical mindset that addresses scientific misconceptions in order to make informed choices when facing problems of the modern world. The first semester focuses on all things micro: biochemistry, cells, basic biological organization, reproduction, and heredity. In the second semester, we take a giant leap into the macro: ecology, ecosystems, biodiversity, and evolution.

Chemistry - Brazilian Program (Grade 12)

Chemistry is an important science for the construction of technologies used by society. It is largely responsible for the increase in life expectancy due to the development of drugs and a better understanding of chemical reactions at the industrial level. In this way, it is important to present content related to Chemistry that will be widely used in various professional areas. Furthermore, the development of scientific reasoning is imperative for the development of a citizen. In Grade 12, we work on two main areas: physical and organic chemistry.

Chemistry - International (Grades 10, 11, and 12)

Knowledge of Chemistry provides students with a scientific point of view about the natural and physical phenomena encompassing Physics, Biology, and Mathematics. This course is designed to build on chemical concepts by developing an understanding of the applications of Chemistry in daily life and explaining the different phenomena from a chemical point of view. In Chemistry, students understand the composition, structure, and properties of material substances, their interactions, and the effects produced on them when adding or extracting energy in any of its forms. Throughout the course, students develop basic knowledge of the main areas of Chemistry that are essential for students who intend to take science-related courses in college.

Forensic Science

This course is an elective open to all high school students.

Forensic Science can be defined as any science used within the criminal justice system. While this definition may be simple, the field of forensic science is anything but simple. Crime scene investigators and lab technicians use specialized skills and tools to collect, analyze, and present evidence to solve a crime and successfully convict the offender, or exclude an innocent suspect. Forensic Science establishes a connection between many areas of science, such as Chemistry, Physics, and Biology. In Grade 12, the course covers the topics of observation skills, crime scene, crime, blood, DNA, ballistics, evidence, toxicology, and criminal justice.

Lab Skills (Grade 10, 11 and 12)

Throughout this course, students engage in a dynamic learning experience that combines theoretical knowledge with practical applications. They will have the opportunity to perform diverse experiments,

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

conduct analyses, and make exciting discoveries. From understanding chemical reactions and molecular structures to exploring the intricacies of living organisms and the laws governing the physical world, this course fosters a deep appreciation for the natural sciences.

Physics - Brazilian Program (Grade 12)

"The word Physics – *physis*, from the ancient Greek – means nature. Physics is the science that broadly studies nature, that is, the matter and energy existing in the universe, as well as their exchanges, considering the natural forces present in each context." The goal of this course is to understand Particle Physics, a subject of extensive research and one of the most modern and promising fronts of science. In our quest to understand this science, we will learn about electrostatics, electrodynamics, electromagnetism, and modern physics.

Physics - International (Grades 11 and 12)

This course is designed to help students develop a solid conceptual foundation in Physics that will enable them to succeed in resolving high-level problems. This year, emphasis will be given first to learning how Newton's second law predicts changes in motion and linear momentum and how energy is applied to dynamics (kinetic and potential energy). Students will then discover that energy only transfers between systems and cannot be created or destroyed. Furthermore, we will discuss the gravitational, electric, and magnetic fields to help students grasp how fields can explain forces at a distance. As a result, this topic will introduce the ideas of magnets and the magnetic fields produced by electric currents. We will also discuss electrical energy and how it can refer to either stored energy in a battery or energy transmitted by electric currents. Students will also learn about light as a wave and as a particle to learn about electromagnetic radiation. To better understand these concepts, we will study waves, wavelength, and frequency of a wave, as well as how these properties are related to one another by the wave's speed of propagation. Students will then comprehend that the study of stars' light spectra and brightness is used to determine the elements that make up stars, how they move, and how far away from Earth they are. This introduces the subject of astronomy, in which we will discuss how Kepler's laws define common characteristics of the motions of orbiting objects as well as other fascinating subjects like stars and the big bang theory.

Social Sciences

Our curriculum offers multiple courses to meet the specific needs of all our students.

AP Research

In this course, students build on what they learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students will design, plan, and conduct a yearlong research-based investigation to address a research question. Students will develop the following skills: conducting independent research, applying context and perspective, presenting research findings to an audience, analyzing sources and evidence, and writing a college-level academic paper. There is no end-of-course written exam for AP Research. Instead, students will be assessed on performance tasks completed at the end of the academic year: an academic paper to be submitted online for scoring through the AP Digital Portfolio and a presentation and oral defense of the research.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Geography

This course is offered in Portuguese only. It is required for all students NOT enrolled in the International Program.

The course is based on the knowledge and tools acquired in previous years, enabling students to read the world stage through the lens of geography and strategy, which means geopolitics. Within this context, geography serves as the foundation for analyzing power relations between spaces, countries, markets, and social groups. The background of this theater is the international economic system and its connections to global political players.

Geopolitics

The course allows students to assess the struggle for power in different scenarios. It serves as a wrap-up to various other tools and skills students worked on during previous years. Students will cover various current news topics related to four main themes: media consumption, environment, war and conflict, and social justice. At the beginning of each Quarter, students vote on the topics they would like to work on under each of the overarching themes. The goal is for students to research and analyze any given topic as they work toward identifying issues and shortcomings and providing realistic solutions to geopolitical problems.

Philosophy and Sociology

This course covers a range of topics in the social sciences, with a particular focus on how these disciplines interact with each other. We begin by discussing aesthetics and how it is used to understand and critique the world around us. We then move on to consider the role of science in society, looking at its potential benefits and dangers. Next, we turn to politics, exploring different political systems and ideologies and their impact on our lives. Finally, we examine economics as a discipline and a force that shapes our world. Throughout the course, we think about how the different social sciences can be used to make sense of the world around us and improve our lives.

World and Brazilian History

This course is required for all students.

With a focus on Brazilian and World history, the main objective of History in Grade 12 is to develop students' understanding of the complex dynamics of the political, economic, social, and cultural reality of the twentieth century from different historiographic points of view. Through analyzing primary and secondary sources (movies, photographs, songs, etc.), students are expected to perceive continuity and change between the nineteenth and twentieth centuries and the twentieth and twenty-first centuries. This course also covers history-related content covered by the national ENEM exam to prepare students to take the test.

World Languages

Portuguese and Spanish are required courses for all students. In Spanish, while students are advised to take courses based on their level of demonstrated proficiency and interest, all courses are open to all students.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800

Português - Gramática

Teremos oportunidade de aprofundar e aprimorar competências linguísticas necessárias a leitura, compreensão, interpretação e produção de textos, considerando a diversidade de contextos de produção e de recepção, principalmente no que atende aos exames aplicados para ingresso em universidades brasileiras por meio do ENEM e de demais concursos / vestibulares (Competências II, III e IV). Além disso, ampliar o domínio da comunicação escrita quanto aos aspectos gramaticais cobrados na Competência I da prova do ENEM: ortografia, acentuação gráfica, adequação verbal, sintaxe de concordância, de regência e de colocação. Vale acrescentar o desenvolvimento / amadurecimento da habilidade de análise e ampliação do uso da língua considerando correção, clareza e coerência de ideias.

Português - Literatura

Os alunos estudarão o Modernismo, um dos momentos mais significativos da história da literatura brasileira. É importante que vejam esse movimento literário não somente como mudanças ideológicas e estéticas, mas que saibam compreendê-lo e analisá-lo, percebê-lo como nova visão cultural do Brasil e como processo de modernização. Conhecerão grandes escritores brasileiros, suas obras e a importância deles para a construção de uma arte genuinamente brasileira. Interpretarão e analisarão produções artísticas para perceber o valor estético e estimular a fruição. Análise e investigação de obras e textos esparsos serão oportunidades de compreender a sociedade – do início do século XX aos dias de hoje. Os estudos envolverão, também, objetos de mídia, debates que estimulem relações, raciocínio lógico e pensamento crítico.

AP Spanish Literature and Culture

This course is spread out over three years of high school and is organized into units of study that take a chronological approach to studying literary works. Students develop skills in critical reading, literary analysis, and contextualizing literary works within historical, geopolitical, sociocultural, and cultural contexts. The content is grounded in thirty-eight required texts from Spain, Latin American countries, and the US. The six required course themes provide a meaningful basis for making contextual connections among works of different genres, periods, movements, and techniques. In Grade 12, students study literary works from the XX Century.

Spanish

This course has four units, each of which has specific contents aligned with the European Commonwealth Framework, in which students will deal with various topics related to public services, crimes and penalties, climate change and natural disasters, the Spanish-American novel, and its faithful exponents. All topics are linked with the grammatical structures, vocabulary, and expressions necessary to explore the theme in question.

SHIS QI 21 - Conj. C1 Lago Sul - Brasília DF - Brasil Caixa Postal 7093 - CEP 71655-600
Tel (61) 3366-1800