



# Middle School Program Overview



## Class-VII

The curriculum in Middle School is based on internationally recognized standards. Our academic program develops subject-specific skills through a concept-based inquiry approach. Our curriculum encourages students to become creative, critical and reflective thinkers. It builds academic rigor into a broad-based, challenging and stimulating curriculum in eight broad subject groups. Our curriculum takes into account our core values, and builds on our decades-long experience in imparting education. English is the medium of instruction at Aurora; additional support will be provided to students who have limited experience with the English language.

### Language and Literature: English

The Class VII English curriculum involves reading age-appropriate novels, poems and non-fiction texts on a range of themes and in different genres and from different time periods, that encourage students to analyze, evaluate and think critically. Students develop writing skills for a range of different purposes. They extract information, analyze, argue and evaluate. Their listening and speaking skills will be enhanced through opportunities to discuss, present, give speeches, debate, and collaborate.



### Maths

Our Class VII Maths curriculum develops speed and accuracy with large numbers, and all types of numbers. Students' develop their skills with the four operations to handle different types of numbers, including fractions and decimals, negative numbers and powers of 10. They will be introduced to algebra and will learn how to treat algebraic expressions and equations. Students continue to extend their spatial reasoning skills by delving into geometry. They will extend their skills in calculating area, perimeter, volume and making calculations with time. They will develop their data reasoning skills and probability. Continued mental math practice and opportunities to apply maths to solve real-world problems will build their mathematical reasoning skills and confidence.



### Language Acquisition: Bangla

The curriculum provides opportunities to read a range of age-appropriate novels, including mystery novels; non-fiction texts such as biographies; and poems under different themes that build vocabulary and foster conversational skills. Students practice writing paragraphs for different purposes. They continue to develop their grammatical skills. They watch movies and analyze song lyrics to further develop their verbal skills.

\*\*For students whose mother language is not Bangla, opportunities will be provided for the development of communication skills in their mother tongue through listening to books and various virtual activities.



### Language Acquisition: French

Students will develop their French language skills, focusing on grammar and vocabulary. Building on their introduction in Class VI, students continue to use familiar, commonplace expressions and basic phrases in order to speak with others at an emerging level. Through interactive and multimedia activities, students will learn how to introduce themselves, how to ask basic questions, and how to talk about their family and day to day life. The course will also serve as a window into French culture.

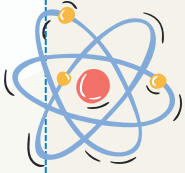


## Individuals and Societies

Students will explore important historical eras and events including the Enlightenment and the Age of Revolutions; they will explore late colonization and its impacts on communities around the world. They will also delve deeply into physical geography and will also be introduced to economics – the basic principles that underlie our economies.



## Sciences



The Class VII Sciences curriculum helps students to independently and collaboratively investigate issues through research, observation and experimentation. They explore the connections between science and everyday life and learn to apply the scientific method. Students will explore the principles behind electricity and magnetism, and their connection; and they will explore particle theory and thermal physics and how our understanding of these phenomenon help us practically. In Biology, they will explore photosynthesis and plant reproduction and how these interact to bring balance to ecosystems; and they will explore inheritance, variation and selection to understand the relationship between genes and inherited characteristics. Students will also study the chemistry of the environment, focusing on water and air quality.

## Physical and Health Education

Students develop all the aspects of physical fitness – balance, strength, endurance, flexibility, and speed – through sports, fitness activities, athletics, and yoga or swimming. We provide students with opportunities to build their self-confidence, self-awareness and resilience; and develop the dispositions for a balanced lifestyle. They are introduced to table tennis, and keep working on their football, basketball, and badminton skills. Regular fitness monitoring helps students to work actively on improving their fitness.



## Performing Arts



In Class VII, students will develop their skills in, and appreciation of, theatre arts in the first term and music in the second term. In Theatre classes, they will explore dance theatre around the world – developing theoretical understandings and practical skills. In music, they will explore the fundamental skills required in a performance, they will listen to a range of music while using that music to inspire their own musical creations. The music curriculum will develop their skills to sing and play instruments. They will strengthen their knowledge of music theory and how to read music notation.

## Media and Visual Arts

In Media and Visual Arts, students will develop their skills with tempera paint and watercolor to explore landscape art, and they will be introduced to the use of charcoal in art. Students will also explore Bangladeshi art and street art/graffiti as an art form. Students will develop their technical skills, in collaboration with Design classes, to make short animations.



## Design



The Design curriculum for Class VII continues to build students' computer skills and media literacy skills, and understanding of the design cycle. Students will develop a basic understanding of robotics, game development and art and animation in order to solve real world problems.

## Learning for Life

Students will develop their decision-making and goal-setting skills, and discuss issues such as consent, cyber bullying and conflict resolution. They will build awareness of how to stay safe online. Students will develop an understanding of ethical leadership, and also explore their understanding of mental health, social etiquette, and building good character.

