



Middle School Program Overview



Class-VIII

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 centered around eight 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 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 watch documentaries and assess non-fiction media. Students develop writing skills for a range of different purposes – including writing letters, doing literary analysis and poetry analysis, expository writing, argumentative essays and documentary scripts. They extract information, analyze, argue and evaluate.



Maths

Our Class VIII Maths curriculum develops speed and accuracy with large numbers, and all types of numbers including exponents. Students develop their skills with the four operations to handle different types of numbers, including fractions and decimals, negative numbers and powers of 10. Their numeracy skill development includes percentages, ratios and proportion and they will practice using formulas and calculating rates of change. They develop their reasoning and computational skills with factors and multiples. They develop their conceptual understandings in algebra and learn how to treat different types of algebraic expressions and equations. Students continue to extend their spatial reasoning skills by delving into geometry and exploring angles and 2D and 3D shapes and scale drawings. They extend their skills in calculating area, perimeter, volume and making various measurement calculations. They develop their data reasoning skills by exploring various statistical calculations and methods of presenting data, and probability – including experimental and theoretical probabilities and the probability scale. Continued mental math practice and opportunities to apply maths to solve real-world problems 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 news articles; and poems under different themes that build vocabulary and foster conversational skills. Students practice writing paragraphs for different purposes including literary analysis and they practice writing news reports, scripts and narrative essays. They continue to develop their grammatical skills. Students also develop their reading skills by learning compound letters, and improve fluency through regular reading practice. 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



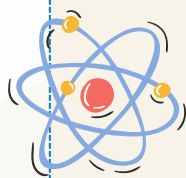
Students develop their French language skills, focusing on grammar and vocabulary. Students continue to use familiar, commonplace expressions and basic phrases in order to speak with others at an emerging level. Through interactive and multimedia activities, students learn how to introduce themselves, how to ask basic questions, and how to talk about their family and day to day life.

Individuals and Societies

Students explore important historical eras and events including the Second World War and the Cold War and their impact on global history and politics. They also delve deeply into human geography – exploring global development, global economic disparities and the implications for living standards. They undertake investigations into global resource management and the economy and government structure of Bangladesh.



Sciences



The Class VIII Sciences curriculum helps students to independently and collaboratively investigate issues through research, observation and experimentation. Students delve into an exploration of physics, focusing on motion, energy work and power and they also undertake exploration into the nature of light. Students investigate cells, the building blocks of nature, and transportation in plants. In chemistry, they learn about the periodic table, explore the nature of atoms, elements and compounds and explore metals.

Physical and Health Education

Students continue to develop all the aspects of physical fitness through sports, fitness activities, and athletics. We provide students with opportunities to build their self-confidence, self-awareness and resilience; and develop the dispositions for a balanced lifestyle. They keep working on their football, basketball, cricket, badminton and table tennis skills over the course of the year. Regular fitness monitoring helps students to work actively on improving their fitness.



Performing Arts



Students develop their skills in, and appreciation of, theatre arts and music. In Theatre classes, they explore different types of theatre and drama forms – developing theoretical understandings and practical skills. In music, they explore the fundamental skills required in a performance, and they listen to a range of music while using that music to inspire their own musical creations. The music curriculum develops their skills to sing and play instruments. They strengthen their knowledge of music theory and how to read music notation.

Media and Visual Arts

Students develop their skills with tempera paint and watercolor to explore landscape art, and they develop their skills in the use of charcoal in art. Students also explore Bangladeshi art and abstract art. Students develop their technical skills, in collaboration with Design classes, to make short animations.



Design



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

Learning for Life

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

