



Elementary School Program Overview

Class-IV



The curriculum in Elementary School (Class I to V) takes a transdisciplinary, inquiry-based approach to learning. Aurora International School is an IB World School. We are authorized for the IB Primary Years Program (PYP). IB World Schools share a common philosophy- a commitment to high-quality, challenging, international education - that we believe is important for our students.

Our curriculum provides an academically rich and meaningful learning program for students. At this stage, our students continue to build on their foundational skills for learning –cognitive, physical and social-emotional. Transdisciplinary units of inquiry allow students to make connections between disciplines in a holistic way, extend learning beyond the classroom, and encourage independent and creative thinking.

Our curriculum provides opportunities for students to develop a range of learning skills and the attributes of the IB learner profile. 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.

The academic program at this level builds on students' strong foundations to develop more advanced skills in language and maths and to push them intellectually with challenging units of inquiry. Students are now working independently to research, analyze, evaluate and create. They apply their skills to pursue their own questions as they delve deeper into the concepts that underpin the transdisciplinary themes.

Units of Inquiry

Students pursue units of inquiry that help them to delve deeper into the transdisciplinary themes. In Class IV, students will explore human rights and responsibilities; world geography; the role of arts and media in society; and scientific concepts in biology and chemistry. Students use a range of research and thinking skills across disciplines to pursue their lines of inquiry as they investigate and learn about themselves and their world, and develop conceptual understandings of the issues they explore. They develop a sense of open-mindedness and become principled risk-takers through the process of inquiry. Regular opportunities to explore and express themselves through the visual and performing arts further strengthens their sense of the aesthetic, as well as their communication and self-management skills.



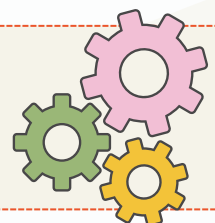
English

Students are now reading age-appropriate novels that are thought-provoking and full of challenging themes that help students to reflect and relate to their own lives. Students conduct literary analysis and develop their own writing style as they respond to what they read, developing into strong communicators. Students are given the opportunity to write for a range of audiences and purposes. Many of the novels, non-fiction texts and poems they read are related to their units of inquiry.



Media and Technology

Students build technical skills and then apply their skills to solve real world problems through robotics, coding and game development and digital art and animation. They also develop a range of digital and media literacy skills.





Mathematics

Our Class IV Maths curriculum develops more advanced mathematical skills and pushes students to improve their mental maths. They continue to extend their conceptual understandings and procedural skills in a range of mathematical areas including numbers and operations, data handling and shapes, space and measure. Opportunities to apply thinking skills to solve real-world problems, including application in their units of inquiry, build their confidence, accuracy and speed.



Music

In Class IV, students explore types and genres of music that are often related to their units of inquiry. They continue to develop their skills in playing a musical instrument and also advance their understanding and application of musical elements. Students develop their singing skills and also work together to compose and perform, thereby developing as reflective performers, risk-takers and communicators.



Personal, Social, and Physical Education

The PSPE program develops all the key aspects of physical fitness –balance, strength, endurance, flexibility, and speed –through sports, fitness activities, athletics, yoga and swimming. We provide students with opportunities to continue to build self-confidence, resilience and good health; develop self-management skills; and apply social skills for a balanced and positive lifestyle. They learn to care about the feelings and needs of others as they play together in team sports and experience success and failure.

Mother Language: Bangla

Students whose mother language is Bangla read a range of texts, many of them related to their units of inquiry, to challenge their thinking and foster varied writing and speaking skills. Students also develop their reading skills by practicing recognition of compound letters, and improve fluency through regular reading tasks. They are now required to produce a range of writing for different audiences and reflect on their own work for further improvements.

*For students with other mother languages, an alternative plan exists to support their study of the language. Ask for details.



Learning for Life

Our learning for life curriculum builds skills beyond academics. Delivered through homeroom period, students develop their social skills and learn how to better manage their relationships; they work on developing a growth mindset and an awareness of mental health; and they develop a range of study skills to lay the foundation for future academic progress.