



INDIAN SCHOOL BOUSHER
(Affiliated to the Central Board of Secondary Education, New Delhi)
(Affiliation No: 6630203 and School No: 90252)
P.O. Box: 2886, Postal Code: 130, Al Awabi, Al Ansab, Sultanate of Oman
ACADEMIC YEAR 2026 - 2027



CIRCULAR TO PARENTS
(GRADES VI-VIII)
STAI 2026 – MIDDLE SCHOOL COMPETITIONS
CALL FOR EXPRESSIONS OF INTEREST

ISB/CR/ADM/2026-2027/091

Date: 21st September 2026

Dear Parents,
Greetings from Indian School Bousher!

What if you could design the city of tomorrow, explore the power of AI, build futuristic solutions, or turn an innovative idea into reality?

STAI 2026 – Science, Technology & Innovation is an inter-school platform that encourages students to imagine, experiment, innovate and create. With the theme “FUTUREWORLD – Innovate. Integrate. Impact.”, the event brings together science, technology, mathematics, robotics, creativity and problem-solving through a range of hands-on competitions and challenges.

The event will be held on **23 and 24 October 2026 at Indian School Al Wadi Al Kabir, Oman**, bringing together young innovators to explore futuristic ideas, tackle real-world challenges and showcase their creativity beyond the classroom.

The following Middle School competitions and Futuristic Exhibition are open for expressions of interest from students of Classes VI–VIII.

1. IMAGINE AI – AN INTERACTIVE ANIMATION - Computer Science

Students interested in this competition are invited to submit an **original and creative storyline** demonstrating **how Artificial Intelligence can help people in a real-life situation**.

The storyline should be original and creative and present a relevant real-life situation.

First stage: Students will submit their storyline through the Google Form.

Based on the submissions, students will be shortlisted for the next stage. The selected students will then work on developing their **Scratch animation** based on the approved storyline.

Final team: A maximum of **4 students from Classes VI–VIII** will be selected. The final team will be decided by the teachers based on the selection process.

2. CLEAN ENERGY & MOBILITY – THE HYPER-RACER GRAND PRIX - Robotics

This is a **STEM-based engineering challenge** involving the design of a futuristic miniature vehicle.

Students interested in participating are invited to submit a **short note describing their idea for a futuristic miniature vehicle**.

First stage: Submit the short idea/note through the Google Form.

Students will be shortlisted based on their submitted ideas and further guidance/training will be provided to the selected students.

3. PULSE PROBE – SCIENCE QUIZ - Science Department

Students who are interested in **Science, scientific discoveries, application-based questions and current scientific developments** are encouraged to register.

Students who register will undergo **training and preparation by the Science Department**. An internal school-level selection will then be conducted to identify the final team.

Final team: 2 students

4. FUTURISTIC EXHIBITION - Science + Art Department

Students interested in developing an innovative project for the **Futuristic Exhibition** may register to express their interest through the Google Form.

Students will be required to select **ONE** of the following sub-themes and develop a futuristic concept based on it:

1. **Smart & Sustainable Cities** – Designing efficient and sustainable urban ecosystems through ideas such as vertical farming, renewable energy microgrids, autonomous public transport, climate-responsive buildings, and circular waste management.
2. **Future of Learning** – Reimagining education through AI-personalised classrooms, VR/AR learning environments, borderless virtual classrooms, and skill-based learning models.
3. **Health & Human Enhancement** – Exploring future healthcare through predictive and personalised medicine, bio printed organs, wearable health diagnostics, mental-wellness technologies, and assistive robotics for ageing populations.
4. **Next-Generation Mobility** – Developing future transportation solutions such as hyperloop and flying transit, hydrogen/electric propulsion, autonomous logistics, and mobility systems for space and undersea travel.
5. **AI, Robotics & Human Collaboration** – Exploring how humans and intelligent machines can work together through ethical AI, collaborative robots, emotionally intelligent assistants, and automation that supports and enhances human work.
6. **Climate Action & Green Energy** – Addressing climate challenges through carbon capture, fusion and next-generation solar energy, biodiversity restoration, rewilding, and climate-resilient agriculture.
7. **Future of Work & Economy** – Exploring emerging models of work and economic life, including creator/gig economies, four-day work weeks, digital identity, decentralised finance, and lifelong learning-based careers.

8. **Space Frontiers & New Habitats** – Imagining human life beyond Earth through lunar and Martian settlements, space tourism, satellite connectivity, and resource utilisation beyond Earth.
9. **Inclusive & Connected Societies** – Creating a more accessible and connected future through universal design, digital inclusion, technology-enabled cultural preservation, and innovative models of governance.

Submit a **one-page concept note** covering:

- The problem being addressed.
- The proposed futuristic solution.
- The expected impact of the solution.

Based on the submitted ideas, students will be shortlisted and guided by the Science Department.

The final team will develop an appropriate **working model, prototype, simulation or interactive demonstration**.

Final team: 4 students

5. RADIANT RELAY – TREASURE HUNT - Social Science Department

Students who enjoy solving puzzles, cracking riddles, logical thinking, Teamwork, Quick thinking and Problem-solving challenges are encouraged to register.

The competition involves multiple rounds of puzzles and riddles.

Students who register will participate in a **school-level selection process**, after which the final team will be selected.

Final team: 3 students – one student each from Grades 6, 7 and 8.

6. SUSTAINABLE CITY MODEL – MATHEMATICAL APPROACH - Math Department

Students interested in **mathematics, model making, engineering, innovation and sustainable future cities** are encouraged to register.

Students will be expected to develop an idea around **engineering the future world through mathematics**, using core mathematical concepts together with modern innovation.

First stage: Students should submit a **concept note** through the Google Form.

Based on the submitted ideas, students will be shortlisted and guided by the Mathematics Department during the preparation process.

Final team: 4 students

7. VAULT & VECTOR – PROBLEM SOLVING & TEAMWORK - Math Department

This is an **on-the-spot Mathematics competition** designed for students who are confident in mathematical problem-solving.

Students interested in participating should be comfortable working with mathematical concepts such as Geometry, Measurement, Symmetry, Logical and mathematical problem-solving.

Students may register their interest through the Google Form.

The Mathematics Department will conduct the **school-level selection**, and the final team will be selected for participation in STAI.

Final team: 4 students

IMPORTANT – SELECTION PROCESS

The Google Form serves as an Expression of Interest and Initial Registration and does not confirm final participation in STAI.

To ensure that **all interested students are given an opportunity to express their interest**, the registration form will be open to eligible students of Classes VI–VIII.

The selection process will then be conducted by the **respective departments/teachers**, based on the requirements and nature of each competition.

Students selected for the final teams will be expected to participate actively in the training and preparation sessions conducted by the respective departments. Any expenses related to participation, preparation, materials or other competition requirements shall be borne by the participating students.

Students are encouraged to participate based on their genuine interests and strengths.

Google Form : <https://forms.gle/LWPwqH6mUdYZBWnV9>

For any queries:

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📌 **Last date for submission: 28 September 2026 (Monday)**

Think. Create. Innovate. Impact.

With best regards,



Himmat Singh Dhillon
Principal
Indian School Bousher

