

## REPORT ON: FORMULA ETHARA RACE@ADIS- BOYS SECTION

Date: 02.02.2026

Venue: Sheikh Zayed Auditorium

### **Introduction**

Formula Ethara itself isn't just a single race — it's an ongoing *project learning programme* run throughout the academic year in schools as part of the Yas in Schools STEM initiative.

Ethara' means 'excite' in Arabic, the perfect name for one of our most captivating programmes. Formula Ethara, the 'Classroom Racing' Team Challenge, is a project learning programme for children ages 6 -13, to develop 21st Century skills in Science, Technology, Engineering, Arts and Mathematics (STEM) subjects.

Through the production of small-scale model race cars made from paper card, the programme offers teachers a team-orientated platform that focuses on design, simple CAD/CAM technology, graphic arts, science, math, literacy and enterprise. The excitement is maximized on race day when the children get to test their cars on the Formula Ethara Race Track. Ideal for delivering as a year group-wide themed topic, Formula Ethara develops a passion for designing and manufacturing in the early years.

This competition has 4 categories:

**AI generated showcase car**

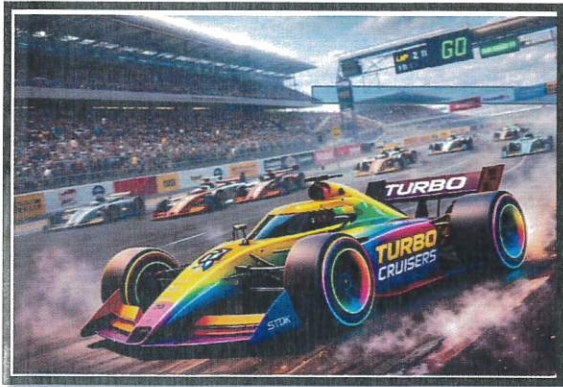
**Team Display**

**Verbal Presentation**

**Race**

### **Photo Gallery**





## Achievements & Participation

Around 220 students participated in this event from primary and middle sections (Boys).

### Professional Category: BOYS

Winners for AI generated showcase car- PB26 HAWK STRIKERS 6F

Winners of Verbal Presentation- PB30 CELESTIAL ECLIPSE 7A

Winners of Team Display- PB31,PB36 VALOR MARLINS/FLUXION FUSION 7A,7D

Winners of Race-PB42 ICELINE FORCES 7G

## Rookie Category: BOYS

Winners for AI generated showcase car- RB06 HYPER HAWKS 4E

Winners of Verbal Presentation- RB07 FLAMING PYTHONS 4F

Winners of Team Display- RB01 MASTER BLASTERS 4B

Winners of Race- RB02 NITRO NAVIGATORS 4C

Overall 7 teams from the Professional Category and 1 team from the Rookie category are selected from total 55 teams for the next round of Qualyfinals.

## Voices from the Students

**Mohammad Fawzan 7G** - *“Formula Ethara helped me understand how Science and Maths are used in real life. Designing the car was the most exciting part!”*

**Kamlesh Sarvanan 7E**- *“This competition showed me that STEM is not just subjects in a book, but skills we can use to create and innovate.”*

## Reflection from the Mentors

**Nabia Fatima**- *“Being a mentor for the Formula Ethara STEM racing competition was a truly enriching experience. The event helped students apply concepts of science, technology, engineering, arts, and mathematics in a real-world context. I observed significant growth in their critical thinking, teamwork, creativity, and problem-solving skills. It was inspiring to see them develop confidence and essential 21st-century skills through hands-on learning.”*

**Monika Gupta**- *“Throughout the journey, students demonstrated remarkable growth in their understanding of scientific principles such as aerodynamics, friction, force, and motion. They applied mathematical concepts in measurements, ratios, calculations, and data analysis to optimize their car designs. Watching them connect classroom learning to real-world applications was truly inspiring.”*

## Conclusion

The Formula Ethara STEM Racing Competition was a highly enriching and impactful learning experience for our students. It successfully integrated Science, Technology, Engineering, Arts, and Mathematics into a practical, real-world challenge that encouraged innovation and creativity. The competition not only enhanced their technical knowledge but also built confidence, resilience, and a strong spirit of teamwork. Overall, Formula Ethara proved to be a meaningful platform that transformed classroom learning into an engaging and future-ready educational experience.

  
Dr. Rishikesh Padegaonkar  
Principal