# THE WINCHESTER SCHOOL, JEBEL ALI

| **Date:** 8th & 9th October 2026 | **Participants:** Year 5 and 6 | **Venue:** Year 5 Classrooms |
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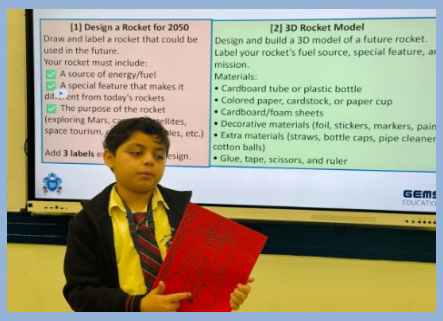
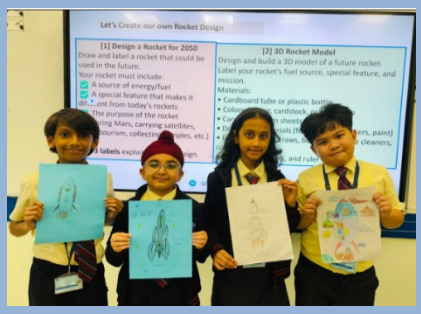
**Title:** World Space Week 2026 – Rocket Revolution
**Presenters /Conductors:** Students of Year 5& 6

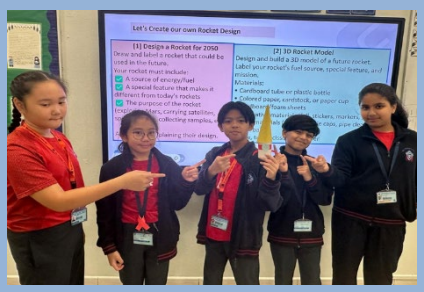
**Aims & Objective** To develop students' understanding of space exploration and rocket technology while promoting creativity, critical thinking, innovation, and problem-solving through the design of future space missions.

**Summary** - World Space Week 2026 was celebrated enthusiastically across the school under the theme "Rocket Revolution." Through engaging classroom discussions and hands-on activities, students learned about the importance of rockets in space exploration, including their role in launching satellites, carrying astronauts into space, and exploring other planets. Students also explored the different parts of a rocket and their functions, developing a deeper understanding of how rockets are designed and operate.
To apply their learning, students took part in the "Design a Rocket for 2050" challenge, where they created innovative rocket designs featuring eco-friendly fuels, artificial intelligence systems, reusable components, and other advanced technologies to make space travel safer and more sustainable. Some students further extended their learning by constructing 3D rocket models using recyclable materials and presenting their ideas to their peers. The activity successfully fostered curiosity, creativity, collaboration, and enthusiasm for STEM and future space exploration.

**Pictures:**





**Student/Teacher Feedback:**
**Maisie,5E, Stated,** "I learned how rockets help us explore space and enjoyed designing a rocket that could travel to Mars using cleaner fuel."
**Ms. Tasmiya Anjum, Form Tutor 5D:** "Students showed excellent creativity, teamwork, and scientific thinking while applying STEM concepts through hands-on space exploration activities.''

**Organized by: Form Tutors of Year 5 and 6**