

AJ Talkies

News Letter

EDITORIAL

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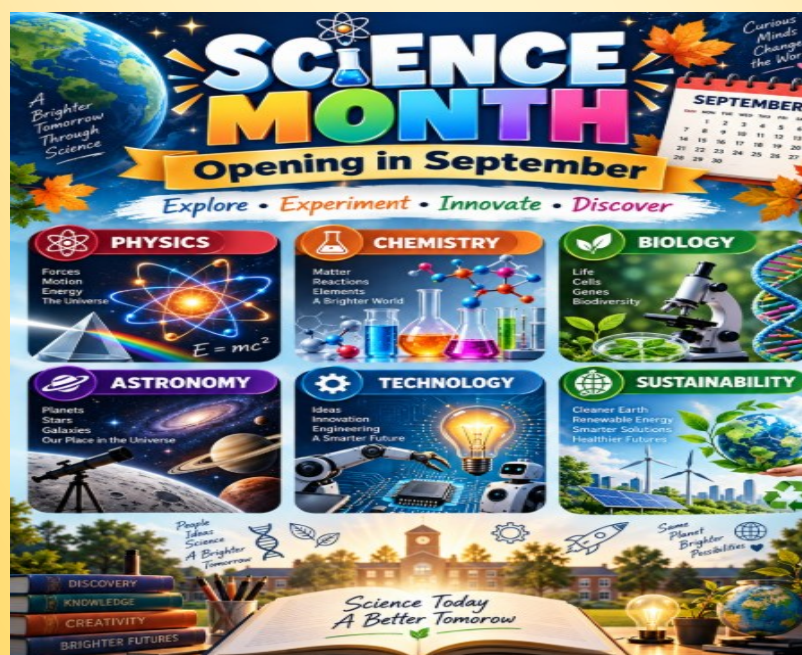
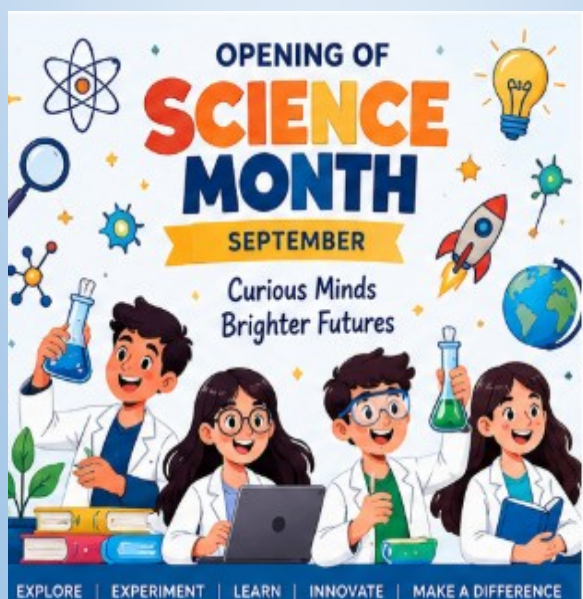
Prize Winners

Closing Assembly

SCIENCE MONTH 2026:

Explore-Experiment- Engineer- Explain

Science Month at Al Ain Juniors School brought science beyond the textbook through three themed weeks of hands-on challenges. Students explored sustainability, healthy living, force and motion, and space through collaborative model-making, design tasks, visual storytelling, and scientific presentations. The month culminated in a Science Exhibition celebrating student innovation and a closing assembly that transformed an astronomy debate into a lively courtroom experience.



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WEEK 1 - SUSTAINABILITY

3 September 2026 | Reuse Green Mobility Responsible Innovation

Grade 7 - Green Transportation

Theme: Sustainability - Eco-friendly Transportation

Students worked in house teams to research, design, and construct eco-friendly transportation models. Ideas included solar-powered cars, electric buses, bicycle-sharing systems, magnetic trains, and sustainable public transport. Team members took on roles as researcher, designer, model maker, and presenter, then explained each model's working principle, environmental benefits, and possible applications in the UAE. The challenge strengthened creativity, teamwork, problem-solving, and scientific communication while highlighting cleaner mobility and reduced carbon emissions.

Grade 7A/B/C Highlights:

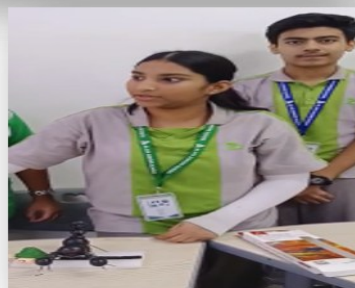
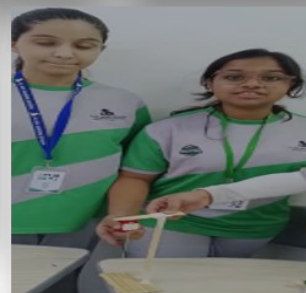


Grade 8 - Recycled Art & Green Genius

Theme: Sustainability - Recycling and Creative Reuse

Grade 8 students transformed safe waste materials such as cardboard, plastic bottles, cartons, paper rolls, and newspapers into useful or artistic products. Teams planned designs, selected reusable materials, built and refined their products, and explained how they gave discarded resources a new purpose. The activity promoted responsible consumption, innovation, practical construction skills, teamwork, and environmental awareness.

Grade 8A/B/C highlights:



WINNERS LIST GRADE 7&8 - WEEK 1

GRADE	NAME OF THE STUDENTS	HOUSE	ACTIVITY NAME	PRIZE
WEEK 1				
GRADE 8				
8A	Mohammed Yasin Ahamed Salihu; Mohammed Rayan Niyas; Noel Varughese; Saeed Anwer	TORNADOES	RECYCLED ART CHALLENGE	I
8A	Anashwar Sandeep; Burhanuddin Taiyeb Kalmi; Jaya Gideon Thankappan; Jeremy Binny; Kashinath Binish Olippara; Mohamed Yaqoob Mohamed Ibrahim; Pranav Sai Venkata Raghu Mallapureddy	RAPIDS	RECYCLED ART CHALLENGE	II
8A	Bobby Brodi; Ezekiel Binu Philip; Faris Jabir Soopiyadakath; John Salwen; Omar Gyan	FLAMES	RECYCLED ART CHALLENGE	III
8B	Anaya, Sawdah, Aradhya, Habiba (Magnetic and non-magnetic material sorting machine)	ROCKIES	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	I
8B	Hana, Sana, Rushda, Joanna, Hannah, Jessica, Rayna, Ayesha, Adila (Water wheel)	FLAMES	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	II
8B	Janine, Filza, Azah, Fadheela, Atiya, Surveen (Aqua loop)	RAPIDS	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	III
8B	Anna, Asma, Ann (Water dispenser)	TORNADOES	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	III
8C	Luv, Hamdan, Melvin, Anirudh, Aamira, Joselyn, Ruwaiyya	ROCKIES	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	I
8C	Rizwan, Angelina, Ethen, Tirzah, Ananya, Sneha, Basim	FLAMES	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	II
8C	Advik, Kacey, Ritwik, Agatha, Lithwin, Rehan, Rhea, Jewel	RAPIDS	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	II
8C	Kashi, Warda, Alsalam, Jyothika, Maaya, Swathika, Rafiya, Wadha	TORNADOES	GREEN GENIUS: INNOVATING WITH RECYCLED MATERIALS	III

GRADE 7				
7A	Johan Antony, Johan Tijo, Zafir; Devansh, Jaya, Shayan Aboobacker	TORNADOES	GREEN TRANSPORTATION (SUSTAINABILITY)	I
7A	Zyed Hamdan, Zayed sidique, Nived shilin, Shaiekh, Shayan sadakathulla	RAPIDS	GREEN TRANSPORTATION (SUSTAINABILITY)	II
7A	Aarush, Ayan Dhankar, Rayan	FLAMES	GREEN TRANSPORTATION (SUSTAINABILITY)	III
7B	Daksha Syam; Sathwika Sunilesh; Zainab Aftab; Reeva Ashtrai Dsouza; Harichandhana; Joanna Sajosh Mathew	RAPIDS	GREEN TRANSPORTATION PROTOTYPE	I
7B	Monica Anna Kurikose; Naja Nishab; Sehrish Fatima; Shazma Shafeer	TORNADOES	GREEN TRANSPORTATION PROTOTYPE	II
7B	Diya Deepa Vinod; Jayma Rahman Tanji; Jiya Alex; Mishika Jayesh Kumar	TORNADOES	GREEN TRANSPORTATION PROTOTYPE	III
7C	Sunny, Bilal, Aadam, Aamir, Amith, Mohd. Shaikh, Devjyothish	FLAMES	GREEN TRANSPORTATION (SUSTAINABILITY)	I
7C	Aashvin, Ayaaz, Aibak, Ahmed	ROCKIES	GREEN TRANSPORTATION (SUSTAINABILITY)	II
7C	Yahya, Kumail	RAPIDS	GREEN TRANSPORTATION (SUSTAINABILITY)	II

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WEEK 2 - ERGA: EAT RIGHT, GET ACTIVE

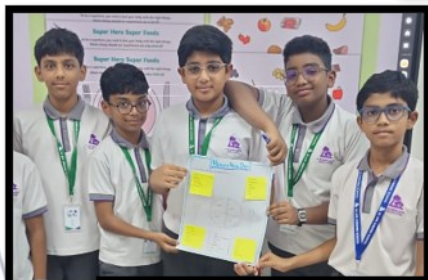
10 September 2026 | Nutrition • Fitness • Well-being • Communication

Grade 7 - Healthy Heroes: The Ultimate Wellness Challenge

Theme: Healthy Lifestyle - Nutrition, Fitness and Well-being

Students worked in teams as Nutrition Experts, Fitness Experts, Creative Designers, and Health Presenters. Each house created a Healthy Hero Action Board and designed practical strategies to overcome unhealthy lifestyle 'villains' linked to junk food, sugar, screen time, dehydration, poor sleep, fast food, and stress. Through research and live presentation, students applied their understanding of nutritious food, physical activity, hydration, rest, and healthy screen-time habits while building teamwork and confident communication.

Grade 7A/B/C highlights:



Grade 8 - Healthy Hero Comic Strip

Theme: ERGA - Healthy Eating and Active Living

Students invented an original superhero whose powers were fueled by healthy eating and exercise. Working in teams, they created a hand-drawn six-panel comic strip showing the hero's food choices, physical activity, and success in defeating a Junk Food Villain. The task integrated science concepts in nutrition, energy, and fitness with creativity, sequential storytelling, and visual communication.

Grade 8A/B/C highlights:



WINNERS LIST GRADE 7&8 - WEEK 2

WEEK 2				
GRADE 8				
8A	Bobby Brodi; Ezekiel Binu Philip; Faris Jabir Soopiyadakath; John Salwen; Omar Gyan	FLAMES	HEALTHY HERO COMIC STRIP	I
8A	Anashwar Sandeep; Burhanuddin Taiyeb Kalmi; Jaya Gideon Thankappan; Jeremy Binny; Kashinath Binish Olippara; Mohamed Yaqoob Mohamed Ibrahim; Pranav Sai Venkata Raghu Mallapureddy	RAPIDS	HEALTHY HERO COMIC STRIP	II
8A	Mohammed Shoaib Shafiullah; Muhammed Faaz OP; Rayan Rafi; Yousuf Khot Irfan Dawood Khot	ROCKIES	HEALTHY HERO COMIC STRIP	III
8A	Mikel Mathew Bert; Mohammed Shahid Ayub; Muhammed Faizan Ajilan; Rafan Sabah Ponnerly; Razan Ahmad Kanakkayil	RAPIDS	HEALTHY HERO COMIC STRIP	III
8B	Hana, Sana, Rushda, Joanna, Hannah, Jessica, Rayna, Ayesha, Adila (Water wheel)	FLAMES	HEALTHY HERO COMIC STRIP	I
8B	Janine, Filza, Azah, Fadheela, Atiya, Surveen (Aqua loop)	RAPIDS	HEALTHY HERO COMIC STRIP	I
8B	Anna, Asma, Ann (Water dispenser)	TORNADOES	HEALTHY HERO COMIC STRIP	I
8B	Anaya, Sawdah, Aradhiya, Habiba (Magnetic and non-magnetic material sorting machine)	ROCKIES	HEALTHY HERO COMIC STRIP	II
8C	Rizwan, Angelina, Ethen, Tirzah, Ananya, Sneha, Basim	FLAMES	HEALTHY HERO COMIC STRIP	I
8C	Kashi, Warda, Alsalm, Jyothika, Maaya, Swathika, Rafiya, Wadha	TORNADOES	HEALTHY HERO COMIC STRIP	I
8C	Advik, Kacey, Ritwik, Agatha, Lithwin, Rehan, Rhea, Jewel	RAPIDS	HEALTHY HERO COMIC STRIP	II
8C	Luv, Hamdan, Melvin, Anirudh, Aamira, Joselyn, Ruwaiyya	ROCKIES	HEALTHY HERO COMIC STRIP	III

GRADE 7				
7A	Johan Antony, Johan Tijo, Zaafir, Devansh, Jaya, Shayan Aboobacker	TORNADOES	THE ULTIMATE WELLNESS CHALLENGE	I
7A	Zyed Hamdan, Zayed Siddique, Nived Shilin, Shaiekh, Shayan Sadakathulla	RAPIDS	THE ULTIMATE WELLNESS CHALLENGE	II
7A	Aarush, Ayan Dhankar, Rayan	FLAMES	THE ULTIMATE WELLNESS CHALLENGE	III
7B	Annette Anna Eapen; Deetya Deep; Harshini Jeejo Sajitha; Rudhiksha Saravanan; Sarah Mohammed Anees	ROCKIES	HEALTHY HEROES: THE ULTIMATE WELLNESS CHALLENGE	I
7B	Daksha Syam; Harichandhana; Joanna Sajosh Mathew; Reeve Ashtrah Dsouza; Sathwika Sunilesh; Shaista Shakil; Zainab Aftab	RAPIDS	HEALTHY HEROES: THE ULTIMATE WELLNESS CHALLENGE	II
7B	Aajriya Mary Arun; Aisha Azmi; Aliya Ajaz; Apoorva Abilash; Hajara Muhammed Noufal	FLAMES	HEALTHY HEROES: THE ULTIMATE WELLNESS CHALLENGE	III
7C	Sunny, Bilal, Aadam, Aamir, Amith, Mohd. Shaikh, Deviyothish	FLAMES	THE ULTIMATE WELLNESS CHALLENGE	I
7C	Aashvin, Ayaaz, Aibak, Ahmed	ROCKIES	THE ULTIMATE WELLNESS CHALLENGE	II
7C	Yahya, Kumail	RAPIDS	THE ULTIMATE WELLNESS CHALLENGE	III

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WEEK 3 - SPACE, FORCE & ENGINEERING

17 September 2026 | Newton's Third Law • Rover Design • Testing & Improvement

Grade 7 - Balloon Rocket Challenge

Theme: Force and Motion - Newton's Third Law

Students designed, tested, and improved balloon-powered rockets that travelled along a string. As air rushed backward from the balloon, the rocket moved forward, demonstrating Newton's Third Law. Teams compared trials using different balloon sizes, shapes, or amounts of air and observed distance, speed, and stability. Students shared roles such as designer, launcher, timekeeper/data recorder, and science presenter, strengthening fair testing, observation, measurement, collaboration, and scientific explanation.

Grade 7A/B/C highlights:

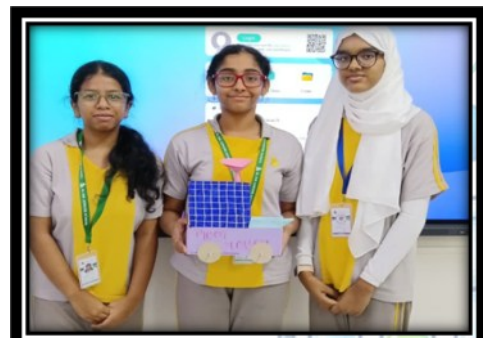


Grade 8 - Moon Rover Design

Theme: Space - Engineering Design for Lunar Exploration

Students designed and built rover prototypes capable of moving over rough and uneven lunar terrain. Teams considered chassis stability, wheel size and spacing, traction and ground clearance, then tested their designs over obstacles and improved them using performance evidence. The challenge connected forces, friction and stability with the engineering-design cycle and developed creativity, problem-solving, measurement and scientific communication.

Grade 8A/B/C highlights:



WINNERS LIST GRADE 7&8 - WEEK 3

WEEK 3				
GRADE 8				
8A	Anashwar Sandeep; Burhanuddin Taiyeb Kalimi; Jaya Gideon Thankappan; Jeremy Binny; Kashinath Binish Olippara; Mohamed Yaqoob Mohamed Ibrahim; Pranav Sai Venkata Raghu Mallapureddy	RAPIDS	MOON ROVER DESIGN CHALLENGE	I
8A	Mikel Mathew Bert; Mohammed Shahid Ayub; Muhammed Faizan Ajilan; Rafan Sabah Ponneri; Razan Ahmad Kanakkayil	RAPIDS	MOON ROVER DESIGN CHALLENGE	II
8A	Bobby Brodi; Ezekiel Binu Philip; Faris Jabir Soopiyadakath; John Salwen; Omar Gyan	FLAMES	MOON ROVER DESIGN CHALLENGE	III
8B	Anaya, Sawdah, Aradhya, Habiba (Magnetic and non-magnetic material sorting machine)	ROCKIES	MOON ROVER DESIGN	I
8B	Janine, Filza, Azah, Fadheela, Atiya, Surveen (Aqua loop)	RAPIDS	MOON ROVER DESIGN	II
8B	Hana, Sana, Rushda, Joanna, Hannah, Jessica, Rayna, Ayesha, Adila (Water wheel)	FLAMES	MOON ROVER DESIGN	III
8B	Anna, Asma, Ann (Water dispenser)	TORNADOES	MOON ROVER DESIGN	III
8C	Advik, Kacey, Ritwik, Agatha, Lithwin, Rehan, Rhea, Jewel	RAPIDS	MOON ROVER DESIGN	I
8C	Kashi, Warda, Alsalm, Jyothika, Maaya, Swathika, Rafiya, Wadha	TORNADOES	MOON ROVER DESIGN	II
8C	Luv, Hamdan, Melvin, Anirudh, Aamira, Joselyn, Ruwaiyya	ROCKIES	MOON ROVER DESIGN	III
8C	Rizwan, Angelina, Ethen, Tirzah, Ananya, Sneha, Basim	FLAMES	MOON ROVER DESIGN	III

GRADE 7				
7A	Zyed Hamdan, Zayed Siddique, Nived Shilin, Shaikh, Shayan Sadakathulla	RAPIDS	Balloon Rocket Challenge (Space)	I
7A	Johan Tijo, Zaafer, Devansh, Jaya, Shayan Aboobacker	TORNADOES	Balloon Rocket Challenge (Space)	II
7A	Johan Antony, Imaad, Abid	ROCKIES	Balloon Rocket Challenge (Space)	III
7B	Diya Deepa Vinod; Jayma Rahman Tanji; Jiya Alex; Mishika Jayeshkumar Monica Anna Kurikose; Naja Nishab; Sehrish Fatima; Shazma Shafeer	TORNADOES	BALLOON ROCKET CHALLENGE	I
7B	Daksha Syam; Harichandhana; Joanna Sajosh Mathew; Reeva Ashtral Dsouza; Sathwika Sunilesh; Shaista Shakil; Zainab Aftab	RAPIDS	BALLOON ROCKET CHALLENGE	I
7B	Aajriya Mary Arun; Aisha Azmi; Aliya Ajaz; Apoorva Abilash; Hajara Muhammed Noufal	FLAMES	BALLOON ROCKET CHALLENGE	II
7B	Malak Fatima; Mehek Zahra; Sheha Manjambra; Zobia Maira	FLAMES 2	BALLOON ROCKET CHALLENGE	III
7C	Aashvin, Ayaaz, Aibak, Ahmed	ROCKIES	Balloon Rocket Challenge (Space)	I
7C	Yahya, Kumail	RAPIDS	Balloon Rocket Challenge (Space)	II
7C	Sunny, Bilal, Aadam, Aamir, Amith, Mohd. Shaikh, Deviyothish	FLAMES	Balloon Rocket Challenge (Space)	III

AL AIN JUNIORS SCHOOL (INDIAN SYSTEM) | SCIENCE DEPARTMENT

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Quiz Quest Champions



AL AIN JUNIORS SCHOOL (INDIAN SYSTEM) | SCIENCE DEPARTMENT

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Quiz Quest Champions



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SCIENCE EXHIBITION - INNOVATION ON DISPLAY

The Science Exhibition provided students with an opportunity to present projects that addressed real-world needs through scientific thinking, engineering, and creativity. Entries reflected themes such as water conservation, smart agriculture, sustainability, clean energy, assistive technology, and space research. The exhibition celebrated inquiry, teamwork, prototype development, and students' ability to explain the purpose and science behind their work



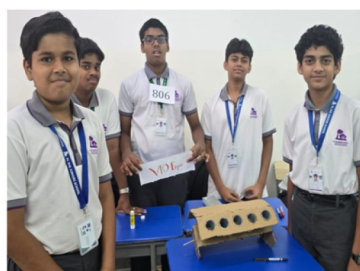












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SCIENCE EXHIBITION - PRIZE WINNERS

Grade	Student(s)	Project	Prize
8C	Basim Ayaan Syed; Ethen Francis Pulikkan; Luv Chandani; Al Salim; Mohammed Rehan Kabir	Water Level Indicator	FIRST
8C	Maaya Nambu Namburajan; Aamira Marriam Saheer; Saathvika Gutpe; Jyothika Santhoshkumar Rajasree; Rhea Susan Biju	Smart Baby Cradle	FIRST
8A	Mohammed Shoaib Shafiullah; Burhanuddin Taiyeb Kalmi; Mohamed Yaqoob	Smart Plant Watering System	SECOND
8B	Janine Santhosh Antony; Rushda Aslam;	Aerolux	SECOND
8B	Sawdah Chowdhary; Anna Maria Dadine; Hana Fatima Mohammed Moinuddin;	Agri Sprout - A Website for Farmers	THIRD
7B	Daksha Syam; Joanna Sajosh Mathew; Zainab Aftab; Harichandhana; Harshini Jeejo Sajitha	Aqua Sweep	FIRST
7B	Mishika Jayeshkumar	Khalifa Sat: The UAE's Eye in Space (A Research Study)	SECOND
7B	Aisha Azmi; Hajara Muhammed Noufal; Naja Nishab	Magnova X	THIRD

Code	Student(s)	Project	Prize
906-9B	Fathima Sara Navas Khan; Hephzibah Sarah; Jovana Tijo	FILL HERE	FIRST
903-9B	Julia Sambash; Ameya Nair; Adina Maria Ajay; Neelanjana Valiyaparambil Ranjith; Limi Maria George	Waste Segregation	SECOND
902-9B	Angela Mony; Siya Vasanth Kumar; Barzah Nizar; Shyalida Lagun	Vacuum Cleaner	THIRD
1103-11A/C	Vinayak Biju Krishna; Mohammed Al Mahdhi; Shrey Joshi; Mohammed Ehan; Hrishikesh Vinod	Footsteps to Electricity	FIRST
1101-11A/B/C	Cyra Arun; Zainab Aslam; Ayisha Niha Mohamed; Sheza Shanum Ijaz Khan	Onion Peel Leather	SECOND
1102-11A/C	Muhammed Rizal; Juan Sambash Jacob; Hatim Noufal; Ryan Skaria Biju	Net Zero	THIRD

AL AIN JUNIORS SCHOOL (INDIAN SYSTEM) | SCIENCE DEPARTMENT

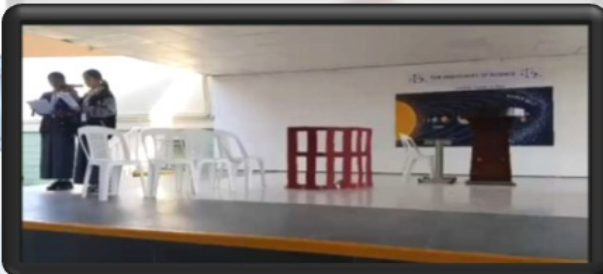
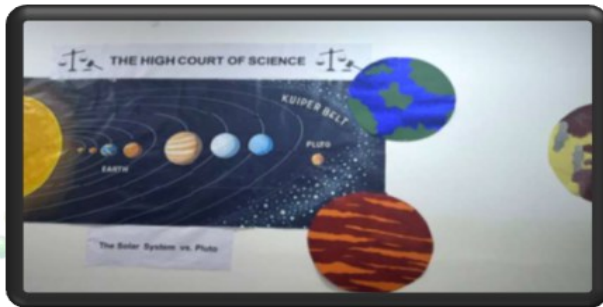
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SCIENCE MONTH CLOSING ASSEMBLY

HIGH COURT OF SCIENCE: THE SOLAR SYSTEM vs PLUTO | 24 September 2026

The grand closing of Science Month was marked by an engaging Grade 12 assembly built around the mock trial 'High Court of Science: The Solar System vs Pluto'. The program began with science-inspired prayers, a Thought for the Day, and a Science & Technology news segment before the courtroom drama brought astronomy to life.

In the trial, the prosecution argued from the 2006 International Astronomical Union criteria, focusing on Pluto's failure to clear its orbital neighbourhood. The defence highlighted Pluto's unusual orbit, moon system, historical significance, and cultural impact. Expert witnesses presented scientific evidence, and the closing reflection emphasized that science develops through evidence, questioning and debate.





CONCLUDING NOTE

The interactive courtroom format helped students understand planetary classification and the evidence-based nature of scientific consensus. It also developed critical thinking, public speaking, debate skills, and confidence, while giving the audience an entertaining and intellectually stimulating

SCIENCE MONTH 2026 • CURIOSITY IN ACTION • LEARNING BEYOND THE TEXTBOOK

