Students from Grades 2 to 4 presented a powerful mime contrasting focused and distracted learners, vividly showing how dedication, perseverance, and concentration are key to mathematical success. The act concluded with the inspiring on-stage message: "Math Success = Hard Work + Practice + Never Give Up!"

Grade 12 students Isaam Abdalla, Arnav Gadge, and Sambuddha Pal gave an insightful presentation on the real-life applications of rate of change in everyday phenomena like motion and cooling. The session effectively demonstrated how mathematical principles help us understand the world, concluding with an engaging interactive questioning round for the audience.

The delightful skit “A Pinch of Math and a Spoon of Love” by Mrs. Aarthy Mohan and her daughter Nivedhitha Banu (5C) beautifully demonstrated the essential role of accurate mathematical measurements in baking a perfect cake. Their performance, which highlighted the difference between rubbery failure and successful baking, was a cherished display of parental involvement that added warmth and inspiration to Infinity 2025.

Grade 7 students captivated the audience with an exciting Math Magic show, using playing cards to reveal the hidden mathematics behind each trick.
Their performance was highly interactive, inviting students to participate and experience the joy of numbers in a fun and engaging way. The act showcased how math can be both entertaining and surprising, leaving the audience amazed by the power of logical thinking.

The Grade 7 and 8 girls delivered an energetic "Math Sayaw" dance, which creatively blended movement with mathematical concepts. Their coordinated steps and formations visually showcased angles, operations, and patterns, beautifully demonstrating that mathematics can be expressed through rhythm, artistry, and teamwork, not just numbers.

The lively parent event "Perfectly Balanced" turned estimation and measurement into an exciting mathematical game, challenging participants to cut a vegetable into two halves with weights as close as possible. Parents participated with great enthusiasm, and Dr. Jisha, parent of Jared, won the competition with an impressive 11g difference. Principal Ms. Subha Clifford and Administrator Ms. Jessy Sajeevan appreciated and honoured all parents for their wonderful involvement in Math Day – Infinity 2025.

The Grade 10 students captivated the audience at Infinity 2025 by performing an original, number-themed song with their own band, beautifully blending music and mathematics into a rhythmic celebration. Following this, parents Mrs. Susmitha and Mrs. Aarthy Mohan shared heartfelt feedback, highly praising Merryland International School's excellence and the thoughtful planning and creativity embedded in every Math Day performance.

The Math Pi Club Vice Presidents delivered a heartfelt vote of thanks, expressing gratitude to all participants, teachers, and parents for making Infinity 2025 a resounding success.
They also invited parents to share their thoughts by scanning the QR code displayed on the screen, ensuring valuable feedback for future events.
Their closing message wrapped up the celebration with warmth, appreciation, and a spirit of continuous improvement.

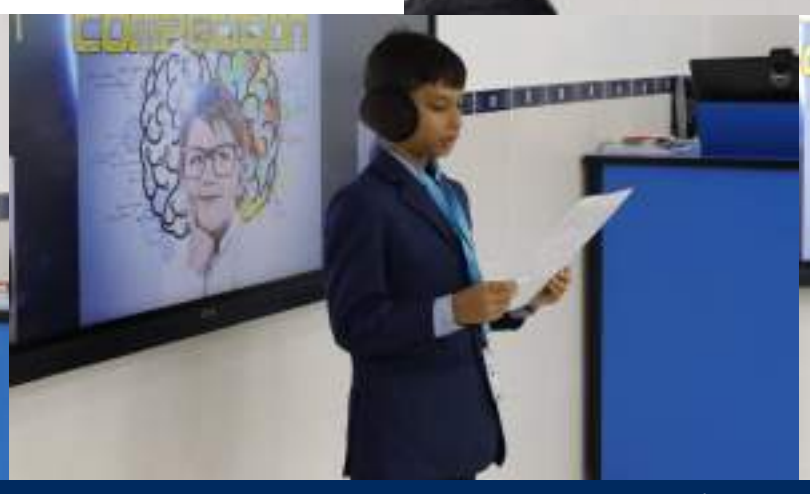
MATH IN MOTION, MIND IN BALANCE

The Department of Mathematics, in collaboration with the Pi Club, conducted a refreshing wellbeing–focused activity titled "Math in Motion, Mind in Balance" on 23/01/2026 in the MIS quadrangle. This initiative was designed primarily to promote the physical, mental, and emotional well–being of both students and teachers through movement–based mathematical challenges. The activity encouraged balance, coordination, focus, and teamwork while creating a joyful and stress–free learning atmosphere. Participants engaged enthusiastically, experiencing mathematics in an active and energizing way that supported mindfulness, positivity, and overall well–being, reinforcing our belief that a healthy mind and body are essential for meaningful learning.

MATH STORY TELLING COMPETITION

The Department of Mathematics, in collaboration with the Pi Club, conducted a Math Storytelling Competition for Grades 4 to 9 on 22nd and 26th January 2026. The competition aimed to prepare students for the international Math Story Writing Competition organised by YMSA.

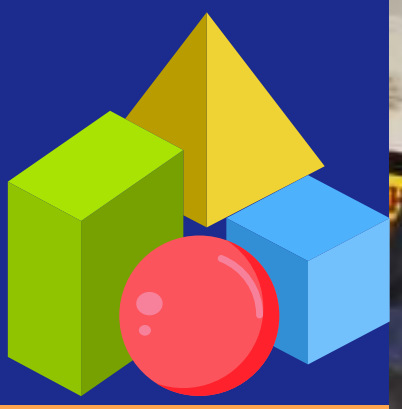
Math teachers and Pi Club volunteers served as judges, evaluating entries based on originality, effective use of mathematical concepts, and creativity. The event provided students with a valuable platform to express mathematical thinking through imaginative storytelling and presentation.



The Math Game Zone was successfully conducted as part of our SDG initiative, creating an engaging and interactive learning experience for parents and students. The event focused on developing critical thinking skills and encouraging participants to think beyond conventional approaches through fun-filled Mathematical challenges.

MIS SUSTAINABLE DEVELOPMENT GOALS EXHIBITION 2026

THE MATH GAME ZONE



Each game was thoughtfully designed to promote logical reasoning, problem-solving, creativity, and decision-making while maintaining an enjoyable and collaborative atmosphere. Participants actively engaged in applying Mathematical concepts and strategic thinking in real-life contexts.
The enthusiastic involvement and positive response from parents and students made the event a remarkable success, reinforcing that Mathematics can be both meaningful and enjoyable when combined with innovation and logical thinking.

INTERNATIONAL YOUNG SCIENTIST AWARD 2025

Our school proudly celebrates the achievement of eight students who participated in the International Young Scientist Award organized by GEMA. The programme encourages scientific thinking, innovation, and problem-solving skills among young learners.

All eight students received Certificates of Achievement for their dedication and enthusiastic participation. Among them, Aarav from grade 7 received special recognition for his outstanding project and was awarded the Outstanding Project Gold Medal, reflecting exceptional creativity, innovation, and scientific aptitude.

This accomplishment highlights the school's commitment to nurturing young scientific minds and encouraging excellence in learning. We congratulate all the participants and extend special appreciation to Aarav for this remarkable achievement.

WORLD SCIENCE CHAMPIONSHIP

Merryland International school achieved remarkable success in the prestigious World Science Championship, an international platform that promotes scientific aptitude, analytical thinking, and academic excellence among students. A total of 109 students represented the school with great enthusiasm and dedication, securing an impressive 41 medals, including 10 Gold, 15 Silver, and 16 Bronze medals.

GOLD MEDAL


ADELA 1D


ADVIKA 1 C


MUNAM 1F


MAHIMA 2A


KHADIJA 2D


ANITHIRA 3C


IRENE 3F


MUHAMMED 3F

SILVER MEDAL


LULOWA 1A


IBRAHIM 1D


ARMAAN 1D


AREEB 1D


AARYAHI 2A


VARDHAAN 2A


AADHIDEV 2E


NAVAMI 2E


EVA MARY 3C


DEVI KRISHNA 5C


RAYAN 4C


SABAH 8B


AADITI 8D


YAHYA 8F

WORLD SCIENCE CHAMPIONSHIP

BRONZE MEDAL

MARYAM 1D

HANA 1A

AAROSH 1C

VED 1D

REHAN 1D

JUMANA 2A

ISHA 2E

MUNROHAN 2E

SAMANYU 2E

ZAIRAH 2F

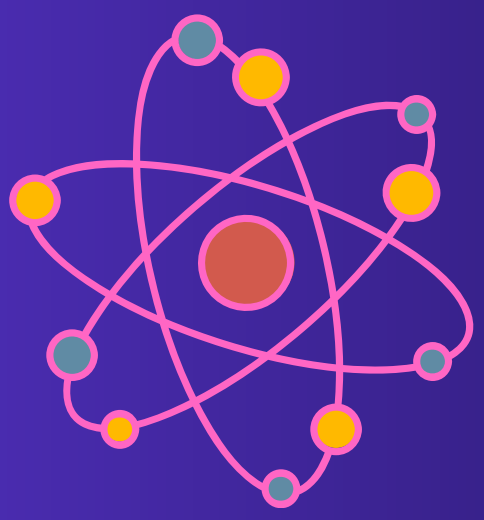
ANAYA 3F

FAISHA 3D

SRESHTA 3C

ARFA 5E

SOWMITHRA 5B



This outstanding accomplishment reflects the strong scientific temperament nurtured within the school and stands as a testimony to the perseverance of the students and the committed guidance of the teachers. The achievement has further strengthened students' confidence, inspired a spirit of innovation and inquiry, and reinforced the school's commitment to fostering excellence in science education.

CURIOSITY DAY 2025

Curiosity Day was successfully conducted by the Vector Club on 22nd January 2026 for students from Grades 4 to 6 with the aim of promoting creativity, teamwork, and scientific thinking through hands-on learning. Students were selected for the event after a preliminary test, and six groups were formed to participate in the final activities. The event included on-the-spot creativity and experimental challenges such as building the tallest free-standing structure using paper, designing and constructing a spaghetti bridge capable of withstanding weight, and creating an aluminium foil boat that could hold the maximum possible load without sinking.

Throughout the activities, students demonstrated high levels of enthusiasm, innovation, and collaboration as they discussed ideas, tested designs, and improved their structures based on observations.The activities helped students apply basic concepts of balance, stability, strength, and buoyancy in a practical and engaging manner. Overall, Curiosity Day was a highly enjoyable and educational experience, and it successfully encouraged curiosity, problem-solving skills, and a positive attitude towards experiential learning among all participating students.

VECTOR

The Physics Club: The school's Physics Club is a hub for organizing various activities such as science fairs, exhibitions,and competitions. These events foster a love for Physics and help students apply their knowledge in creative and innovative ways. Beyond the classroom, students actively participate in a range of external activities that broaden their scientific perspective.

PRESIDENT (GIRLS)

ASEEL ABDALLAH 12 B

PRESIDENT (BOYS)

AYAN HAMIDSHA 12 D

Each student prepared a detailed portfolio on their scientist, highlighting key achievements, discoveries, and the impact their work had on the world. These portfolios were displayed around the school, allowing everyone to learn more about the figures who shaped modern science.

VECTOR CLUB ACTIVITIES

Inventors Day, held on 22nd October 2025 at Merryland, was an engaging and educational event that celebrated the contributions of scientists and inventors throughout history. Students from Grades 1 to 6 participated by dressing up as their favourite scientist and delivering short 2-minute talks about their chosen figure. The event aimed to promote an interest in science, develop research and presentation skills, and boost student confidence.

WOMEN'S DAY IN SCIENCE 2025

The Vector Club proudly observed the International Day of Women and Girls in Science by presenting a special tribute video honouring the achievements of women scientists and innovators around the world. The video highlighted the inspiring contributions of renowned scientists such as Marie Curie, Rosalind Franklin, Ada Lovelace, and Katherine Johnson, whose work has greatly influenced science and technology.

Club members worked together to research, design, and present the video, demonstrating creativity, teamwork, and a deep appreciation for women in STEM. The activity created awareness about the importance of equal opportunities in science and inspired students to pursue their interests in scientific fields with confidence and determination.

BEAUTY OF CHEMISTRY

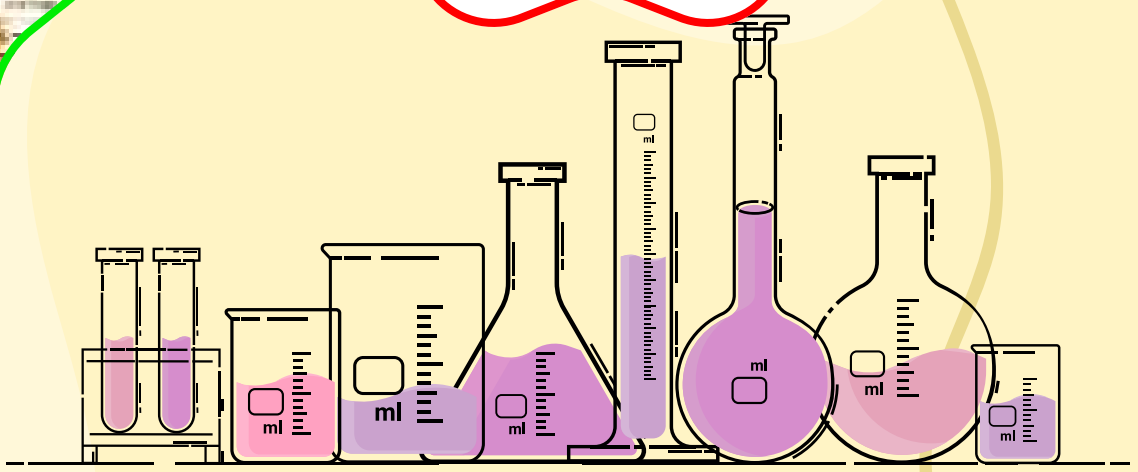
On Wednesday, January 21, the Chemistry Department celebrated "The Day of Chemistry " with the aim of creating awareness about the harmful chemicals present in personal care products and promoting the use of safe, natural alternatives in cosmetics. The students of Grade 8 participated with great enthusiasm and interest. The event featured a variety of engaging activities that combined theoretical knowledge with practical application. Students presented informative presentations highlighting common harmful chemicals found in cosmetics, their effects on health, and the importance of choosing natural and eco-friendly products.

In addition to presentations, some students conducted simple experiments to demonstrate the presence of harmful chemicals in commonly used personal care products. These experiments helped students understand real-life applications of chemistry and encouraged scientific thinking. Overall, the event was highly successful and educational. It helped students develop awareness about cosmetic chemistry, encouraged responsible consumer choices, and fostered active participation and teamwork. The program effectively met its objective of blending chemistry with everyday life and was appreciated by both students and teachers.

Project-Based Learning

DESALINATION IN THE UAE

The Department of Chemistry – MACE Club - conducted an enriching activity for Grade 7 students on desalination in the UAE as part of Project-Based Learning (PBL). Students researched the significance of desalination in meeting the country's water demands. They explored key methods such as reverse osmosis and distillation and analyzed their environmental impact. The activity encouraged inquiry-based learning, and effective presentation skills. As an outcome, students developed a deeper understanding of sustainable water resources and real-world applications of science. Overall, the activity enhanced their critical thinking, research abilities, and awareness of environmental responsibility.



FOOD ADULTERATION

On 21 October 2025, the Grade 5 students held a highly engaging and informative chemistry session focused on Food Adulteration. This practical activity was designed to highlight the critical importance of consuming pure and safe food, while also equipping students with the knowledge to identify common adulterants present in everyday items.

The students concluded their educational session with a heartfelt expression of gratitude toward the UAE. They acknowledged the nation's consistent dedication to providing safe, high-quality, and healthy food for all its residents, a commitment underpinned by the UAE's strong regulations and continuous, vigorous efforts in ensuring unparalleled food safety and purity across the country.

KITCHEN CHEMISTRY

The Department of Chemistry conducted a special event, Kitchen Chemistry, for Grade 4 students on 18th September 2025. The aim of the program was to help students discover the science in everyday kitchen items and understand their importance in maintaining good health. The activity was designed to make learning fun and meaningful by linking chemistry with real life.

The Grade 4 students participated enthusiastically in the event. They brought real kitchen items such as ginger, turmeric, honey, lemon, and garlic, and explained their uses and benefits. Along with this, they prepared posters and presentations showcasing the medicinal and scientific value of these ingredients. The active involvement of the students made the event lively and engaging.

SCIENTIST DAY CELEBRATION

The Chemistry Department celebrated Scientist Day on October 22nd, honoring the contributions of scientists who have shaped our understanding of the world. Students enthusiastically dressed as renowned scientists and delivered engaging one-minute speeches about their lives and achievements. Many also used creative posters and PowerPoint presentations, making their projects both informative and visually appealing. The event provided a platform to express curiosity, appreciate scientific discoveries, and showcase communication skills. The celebration was both educational and enjoyable, inspiring students to explore science and innovation further.

EARTH DAY

Students of Merryland International School celebrated Earth Day with great enthusiasm during their class hours. As part of the celebration, the children participated in a nature walk, where they explored their surroundings and learned about the importance of protecting plants and caring for small creatures that share our environment. The students also took part in a special Earth Day assembly. Each child confidently contributed by reciting slogans and singing songs that highlighted the importance of caring for our planet. Through these activities, they developed a deeper understanding of environmental responsibility and the role they can play in preserving nature.

A special highlight of the celebration was the Earth Day pledge: "Earth is my home. I promise to keep it healthy and beautiful." The event inspired our young learners to appreciate nature, adopt eco-friendly habits, and work together towards creating a cleaner, greener, and more sustainable future.

CANCER AWARENESS PROGRAMME 2026

On February 4, 2026, the Medics Society organized a Cancer Awareness Programme for Grade 9 students, led by Grade 11 presenters Hala Hany and Swaleha Binte. The informative session focused on educating younger students about the causes, risk factors, and prevention of cancer. By highlighting harmful habits to avoid and emphasizing the importance of a healthy lifestyle, the presentation successfully encouraged students to make wise, health-conscious choices from an early age.

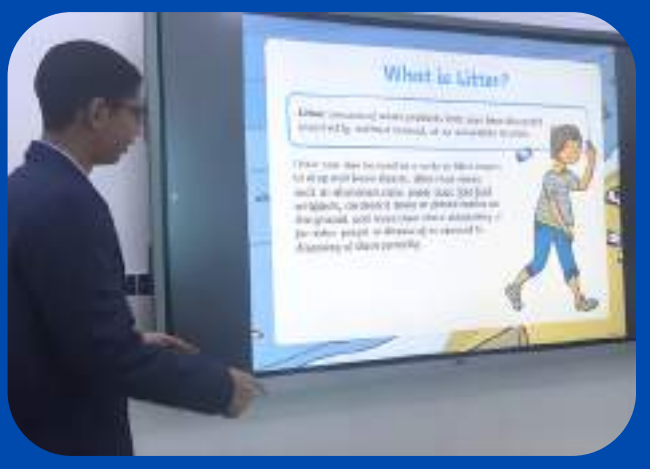
The programme was made highly interactive and enjoyable through quizzes and reward activities that encouraged enthusiastic participation from Grade 9 students. The quiz session helped reinforce the knowledge shared during the presentations while making learning both fun and memorable. Students actively answered questions and showed great interest

throughout the event, making the awareness programme a successful and meaningful initiative. Overall, the session not only spread awareness about cancer prevention but also inspired students to become more conscious about their health and well-being.

LITTERLESS CAMPAIGN

Students participated in a Littering Awareness Campaign aimed at promoting cleanliness and responsible waste disposal. As part of the campaign, children were introduced to the importance of proper waste management and learned how to use different types of dustbins for segregating waste.

Engaging activity sheets helped reinforce the concept in a fun and educational way. Through this initiative, our young learners took their first steps towards becoming environmentally responsible citizens. The school-wide "Litterless" campaign at MIS saw students from Grades 4 to 9 unite in a powerful effort to promote an environmentally responsible campus. Collectively, this comprehensive, multi-grade effort showcased exceptional teamwork and a shared commitment to fostering a cleaner, greener, and more responsible school community.



The "Litterless" campaign instilled vital, lasting values beyond cleaning the campus. By fostering responsibility, teamwork, and sustainable habits, students developed a strong foundation in environmental stewardship and civic duty, equipping them to make thoughtful, positive contributions as responsible citizens.

GENOMICS

A special class on Genomics was conducted for Grade 12 students by Mr. Gerges, offering deep insights into one of the most rapidly evolving fields in modern biology.

The class covered:

• DNA Sequencing – Students learned how sequencing technologies allow scientists to read the genetic code, enabling breakthroughs in medical research and diagnostics.

• Transcription Factors – The role of these proteins in regulating gene expression was discussed, helping students understand how genes are turned “on” and “off” in different cells and conditions.

• CRISPR Technology – The revolutionary gene-editing tool CRISPR was introduced, sparking interest as students explored its applications in genetic engineering, disease treatment, and biotechnology

Students engaged in interactive discussions, exploring how DNA sequencing works, its real-world applications in healthcare and biotechnology, and its impact on personalized medicine. The class helped bridge theoretical knowledge with practical understanding, sparking curiosity and critical thinking among the students. This session was part of the school's ongoing efforts to expose students to cutting-edge scientific advancements and prepare them for higher education and research opportunities.

CPR AWARENESS

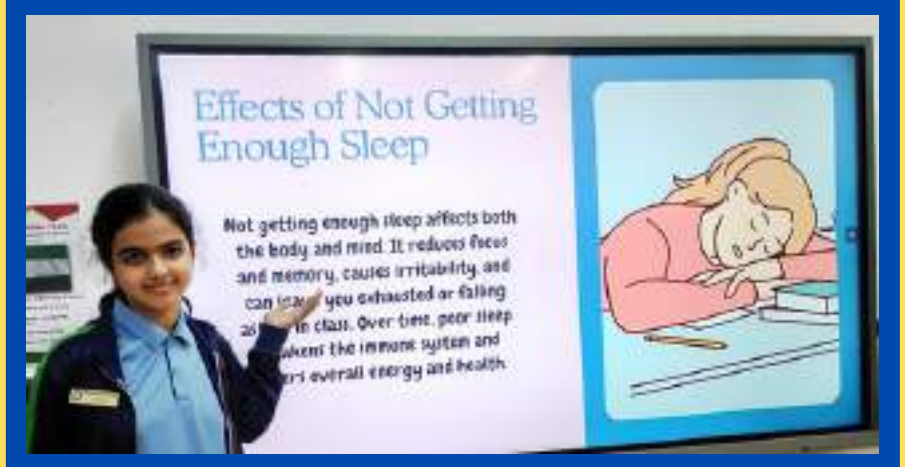
On 30th October 2025, a CPR training session was conducted for the students of Grades 11 and 12 by the medical team from LLH Hospital, Musaffah. The event was organized as part of the Medics Society activities under the Biology Department. The session aimed to enhance students' awareness and practical knowledge of life-saving techniques, emphasizing the importance of quick response in emergency situations.

During the session, students were taught essential rescue methods used in CPR (Cardiopulmonary Resuscitation) and techniques to assist individuals facing choking incidents. The hospital instructors provided hands-on demonstrations and guided the students in performing the procedures correctly. The session proved to be highly informative and engaging, equipping students with valuable first aid skills that could help them save lives in real-life emergencies.

HEAL Week

2026

HEAL Week 2026 was celebrated from 19th to 22nd January with enthusiastic participation from Grades 4 to 8, organised by the Biology Department. Through engaging activities, presentations, and hands-on demonstrations on nutrition, sleep, and healthy lifestyle choices, students actively explored the importance of overall well-being. The week successfully created awareness and motivated students to adopt and practise healthier habits in a fun and meaningful way.



OZONE DAY 2025

As part of the Ozone Day celebrations on September 16th, 2025, students from Grades 1 to 6 enthusiastically participated in a vibrant poster-making competition. The event aimed to raise awareness about the importance of protecting the ozone layer while giving young learners a creative platform to express their ideas. The students showcased impressive imagination and artistic skill, creating colorful and meaningful posters that highlighted environmental conservation and the significance of safeguarding our planet. Their hard work and creativity were appreciated by everyone.

Certificates were awarded to the best entries from each grade, recognizing outstanding effort and artistic excellence. To further celebrate the students' talent, all posters were proudly displayed on the school walls, allowing the entire school community to enjoy and admire their wonderful creations.

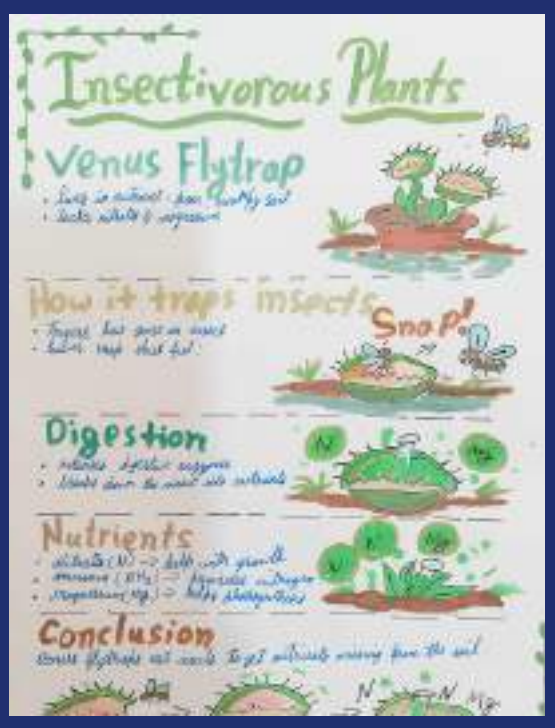
The event not only fostered creativity but also inspired students to become more conscious about environmental protection—making the Ozone Day celebration both educational and memorable.

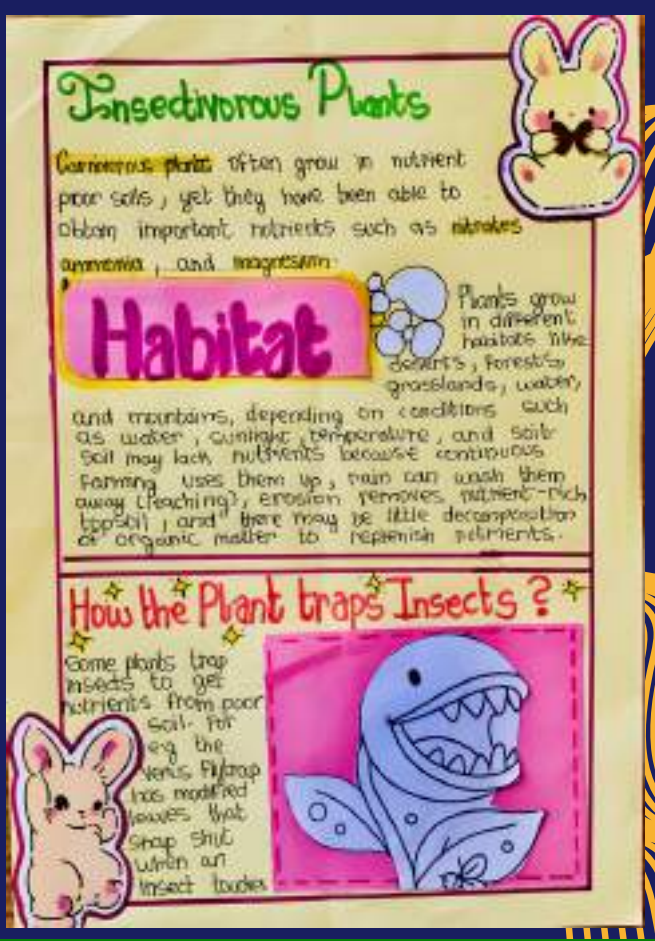
THINK LIKE A BIOLOGIST

The Biology Department successfully organized a Project-Based Learning Fortnight to encourage students to explore scientific concepts through creativity, research, and hands-on learning experiences. Students from different grades actively participated in the programme, presenting informative and innovative projects based on topics related to their curriculum. The initiative provided students with an opportunity to enhance their understanding of biology while developing important skills such as teamwork, communication, critical thinking, and presentation abilities

Grade 7 students worked on the fascinating topic “Insectivorous Plants – Beware of These Plants,” where they explored the unique characteristics, adaptations, and feeding mechanisms of plants such as the Venus flytrap and pitcher plant. Their presentations highlighted how these plants survive in nutrient-poor environments by trapping insects for nourishment.

Meanwhile, Grade 5 students presented projects on Adaptation, explaining how plants and animals adjust to their surroundings in order to survive. Through models, charts, and creative displays, students demonstrated their understanding of different types of adaptations found in nature. The Project-Based Learning Fortnight was a great success and reflected the enthusiasm and scientific curiosity of the students under the guidance of the Biology Department.





CREATING A SUSTAINABLE CAMPUS WITH CHLORELLA VULGARIS

Merryland International School's Zayed Sustainability Award project, continued with the support and guidance of Biology department, focuses on the use of algae to help reduce carbon dioxide levels on the campus. As part of this innovative environmental initiative, alga Chlorella vulgaris is cultivated in large tanks where they naturally absorb carbon dioxide through photosynthesis. The project aims to promote a cleaner and healthier school environment while demonstrating how scientific methods can be used to address environmental challenges in sustainable ways.

The project has provided students with valuable opportunities to participate in practical scientific research and environmental conservation activities. Through regular observation and maintenance of the algae tanks, students gain awareness about sustainability, climate change, and the importance of eco-friendly innovations. This ongoing initiative reflects the school's commitment to environmental responsibility and highlights the success of the Zayed Sustainability Award project in encouraging young minds to contribute towards a greener and more sustainable future.

SUSTAINABILITY IN ACTION

Students from Grades 6 to 9, including Biology Champions and Subject Champions, attended an engaging session conducted by the Dubai Water and Electricity Department (DEWA) on the importance of conserving water and electricity on 27th October 2025. The session, led by Ms. Anabella, aimed to raise awareness among nearly 70 students about responsible usage of natural resources and how small actions can lead to a big impact on sustainability.

Students learned about DEWA's initiatives to promote efficient resource management and discussed practical ways to save water and energy in their daily lives. During the session, students were also encouraged to share their ideas and imagine what the world might look like in the year 2071 if sustainability efforts continue to grow. They suggested creative and innovative solutions such as renewable energy-powered homes, advanced water recycling systems, and eco-friendly technologies. The discussion inspired students to think critically about global environmental challenges and how their actions today can contribute to a more sustainable planet in the future.

INSPIRING INNOVATION

THROUGH THE SDG EXHIBITION

As part of the SDG Exhibition, the Biology Department played an active role in encouraging students to explore innovative and sustainable solutions for real-world challenges. Through the guidance and motivation provided by the department, students enthusiastically participated in the exhibition and presented a variety of creative projects connected to the Sustainable Development Goals (SDGs). Their ideas reflected scientific thinking, environmental awareness, and a strong sense of responsibility towards building a sustainable future.

Students showcased several impressive projects, including a plant monitoring system to support efficient plant care, vertical gardening techniques for sustainable urban farming, innovative concepts in agritecture that combine architecture with greenery, microgreen cultivation for promoting healthy and sustainable food practices, and experiments related to monitoring the sugar content in beverages to encourage healthier lifestyle choices. The exhibition provided students with a valuable platform to develop their creativity, research skills, and teamwork while applying scientific knowledge to practical situations. Overall, the event was a great success and highlighted the enthusiasm and innovation of students under the encouragement and support of the Biology Department.

BLOOD GROUPING

On 25th September 2025, the Medics Society successfully conducted its first programme — a Blood Grouping Session for the students of Grade 11A. The event took place from 2:30 p.m. to 4:00 p.m. and marked a significant beginning for the society's student-led health initiatives.
The session began with an informative class conducted by Grade 12 students, who explained the importance of knowing one's blood group and the process involved in blood grouping. Their presentation was both engaging and educational, helping the Grade 11A students understand the science and real-life relevance behind the procedure.

Following the session, the school nurses, in collaboration with the Biology teachers, carried out the blood grouping tests for the participating students. A total of 22 students from Grade 11A took part in the programme.
The event was a great success and served not only as a practical learning experience but also as an excellent opportunity to promote health awareness and peer-led education within the school community. The Medics Society looks forward to organizing more such initiatives in the future.

CELEBRATING INNOVATION IN ROBOTICS

Our students showcased exceptional creativity, scientific thinking, and innovation at the recent International Robotics Olympiad, bringing home prestigious awards across multiple categories.

“BioGlow”, developed by Jiyaan Rushabh Shah, received The Da Vinci Award for the most creative and artistic design. The project presents an eco-friendly solution to ocean pollution using floating biodegradable pods embedded with bioluminescent algae and natural plant materials. These pods are designed to detect water quality changes and actively filter pollutants such as microplastics, crude oil, and excess minerals, combining natural processes with smart deployment mechanisms.

“Green Pulse”, designed by Nauman Khalil and Omar Anan, earned The Curie Award for its rigorous scientific approach and testing. The project presents a smart city model incorporating multiple sustainable solutions, including an autonomous line-following vehicle for safer transportation, energy-efficient smart street lighting, and an automated greenhouse system. Together, these features highlight how technology can enhance safety, conserve energy, and support agriculture in modern urban environments.

AWARD-WINNING STUDENT PROJECTS

“Magic Plant & AI in Harmony for a Sustainable Future”, created by Mohamed Khalifa Nasser, was honored with the Gold Trophy as the most impactful project. This innovative system integrates artificial intelligence with tropical plant ecosystems in a smart greenhouse. By continuously monitoring environmental factors like temperature, light, and soil moisture, the AI-driven system maintains optimal conditions for plant growth while naturally improving air quality and combating climate challenges, especially in arid regions like the UAE.

Collectively, these projects demonstrate how robotics, artificial intelligence, and environmental science can work together to address real-world challenges. From ocean conservation and sustainable agriculture to smart city innovation, our students have successfully translated futuristic ideas into practical solutions—reflecting a strong commitment to building a better and more sustainable world.

Mubarmij Al Emarat Robotics Competition

On November 8, 2025, a group of 22 students from our school actively participated in the prestigious Mubarmij Al Emarat Competition, a national-level AI and robotics event organized by Sandooq Al Watan. Held at the Energy Center in Abu Dhabi, this competition brought together young innovators aged 7–24 from across the UAE to showcase their skills in Artificial Intelligence (AI), Robotics, Internet of Things (IoT), and Coding.

Our students, representing diverse age groups, competed in the Novices and Pioneers categories, demonstrating exceptional teamwork, creativity, and technical proficiency under a futuristic lunar mission theme set in the year 2040.