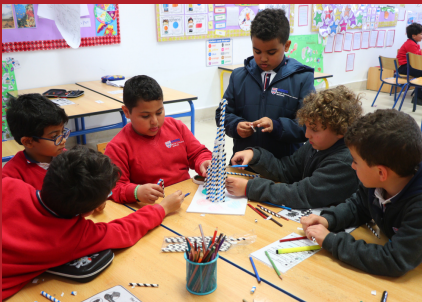


**GEMS**British International School
Madinaty

February 6TH 2023

FS1, Y1 & Y2 STEM PROJECTS

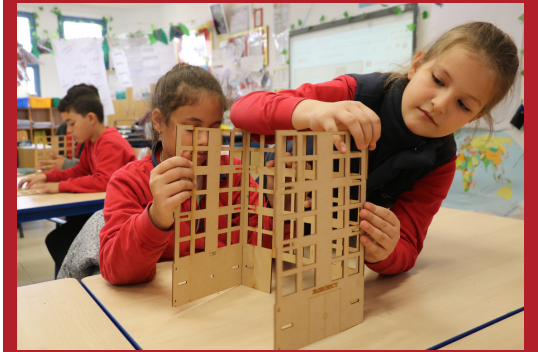
BISM is proud to have the 2nd STEM fair for all our students in FS2, Y1 and Y2. The children have demonstrated their amazing work with lots of passion and enthusiasm.



Beginning Of STEM For Y3,4 and 5

Starting this term, Y3 will start coding with Kudo, exploring how technology and systems can change lives. Y4, they will study renewable energy; how to use wind, solar and hydroelectric power, and then medical engineering, where they will study body parts and circulatory systems and code programs and systems for temperature measurement, visual impairment and Automation of intensive care beds. It's finally Y5; students aim to explore the world of chemistry through many science lab activities including states of matter, polymers, atoms, molecules, reflection and refraction to make slime and toothpaste. They will conclude their journey with App Inventor where they will learn to code a mobile app, from design to app launch!

Age-based STEM programs as part of the curriculum allow each student to work independently, developing higher-order thinking skills in a fun and engaging environment where each student can experiment, analyze and draw from his/her findings study.



Children in all year groups in Primary enjoyed dressing up as their favourite animal last week, raising 5432.5 LE which will be donated to Talia's Dog Rescue as part of their 'Make a Difference' charity efforts this year. A massive thanks to our Student Voice for suggesting this fun event.



Hayah Art Competition winners

We are delighted to announce that we have 4 winners this year in Hayah's 9th Art Competition!

Our warmest congratulations go out to: Gloria Maged (Y9) ranked 1st place in Drawing.

Margarita Tkaeluk (Y9) ranked 1st place in collage.

Janna Ahmed Hassan (3A) ranked 3rd place in 3D art.

Omar El Emam (Y9) ranked 3rd place in digital arts.

To many more successes!



BSME Mobile App Competition

BISM is joining for the 2nd year with 2 groups of it's best technology students in Year 6 in the international Mobile App competition. The BSME App Challenge is an app design competition, hosted by The Pearl Academy, Abu Dhabi.

It is designed to support the English National Curriculum Computing Programs of study and the UAE MOE Moral Education Curriculum, whilst also giving children real purpose to their learning.

The App Challenge will provide a creative opportunity for children to develop their moral and social responsibilities whilst preparing for their roles as leaders of the future. Students must work in a team to decide on a real-world problem they wish to solve, and design an app which can support this.

