



NEWSLETTER

SIS @ Saigon South

April 2021

STEM

During Term 3 classes either worked with Robotics and Coding in our new STEM Lab or engage with CREST Awards challenges in the classroom. The enthusiasm of students and teachers is evident in the way everyone interacts with the content and pushes each other forward. This will continue in Term 4, of course, now that foundations are firmly in place.

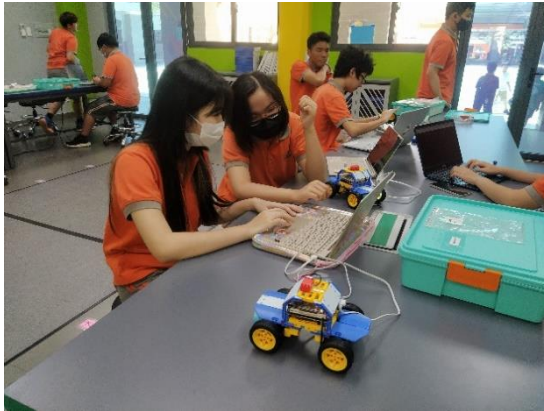
Years 6 to 8 International & Years 6 to 9 Integrated

During Term 3 students worked on the Little Musician project which combined the science of sound, music, robotics and coding. Students made a miniature gramophone and learned to code it to play musical tunes, sound effects and record their own voices and sounds. After learning how to use the new commands our students coded their own song and used the miniature gramophone and iPad to play it for the class to enjoy. Some students programmed “Twinkle Twinkle Little Star” using the piano keys command, while others used animal sound effects to create an interesting take on “Old MacDonald had a Farm”.



IGCSE1 to AS Level

The primary responsibility for each group in Term 3 for STEM focused on building robotic components and successfully coding commands. Each group member from every grade level (IGCSE1 Orange and Gray, IGCSE2 and AS/A) was tasked with a specific set of responsibilities in the production process of building and coding commands for their design. Student materials include a coding textbook, UBTech component kit, their personal coding device, and outline for their presentation to be given at the end of the term. Each group has accomplished the task of building and coding a robot using UBTech coding software. It has been a fun term to say the least.



Looking Ahead

STEM concepts and skills will continue to be practiced throughout Term 4. During our Special Events Week at the end of the school year we will have a STEM Showcase as an opportunity for all classes to share what they have learned. While we do not yet know if we will be able to have parents visit campus to view the showcase, photos will be made available so everyone can see the wonderful student accomplishments. Further details will be forthcoming in advance of the event.