

MakersBox July

Let's look at everything students made in the Maker Space in July

Grade-1 & 2

Material Study, Science

Grade 2 students worked with play doh to find out the affect of heat on different materials while Grade 1 worked with everyday materials to make basic robots.



World Studies, Bahai Faith

Students built a Smart Fridge that incorporates the centric belief of the faith of Bahai- Equality.



The customised packaging material.



The Code to build the Smart Fridge.



Do not forget the

Grade 3, Save Fuel!

Renewable Source of Energy, Science

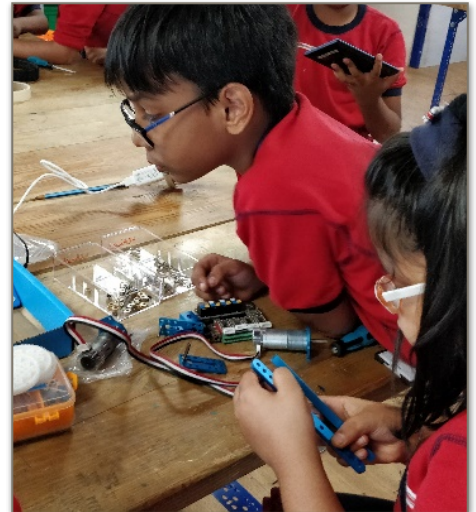
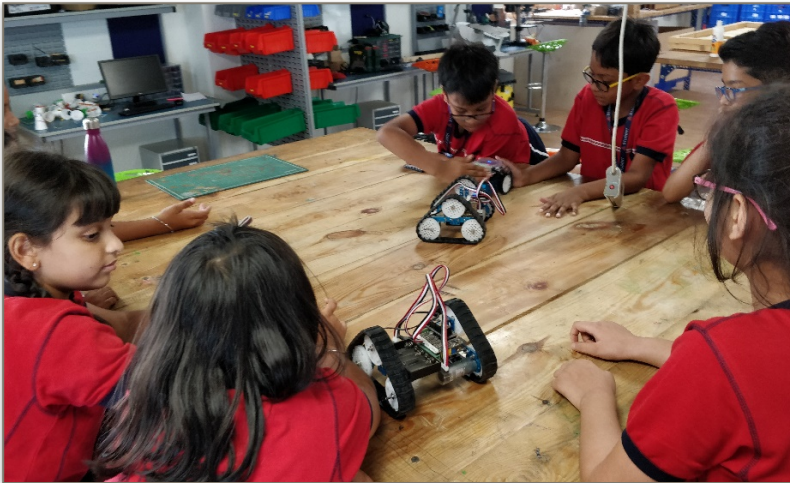
Students are building a Solar Cooker to not just understand the renewable sources of energy but also how light work- Should we paint the inside of the Solar Cooker black or white?



Grade.4, Makeblock Kits

Muscles and Joints, Science

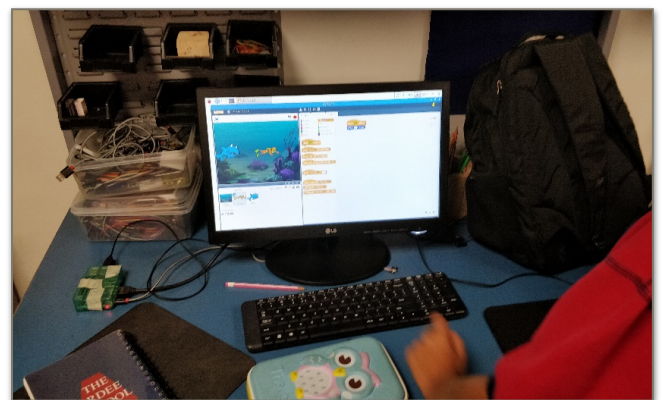
Grade 4 students tinkered with electronics and robotics to understand human anatomy and the role of joints and muscles in helping us move. They worked with Make Block kits to assemble three different types of robots.



Grade.5, Animated Food Chain

Food Chain and Environment, Science

What better way to understand something than to tell a story about it? Students worked on the Block Coding Platform, Scratch to tell the world what they know about ecosystems, food chains and environment.



Grade.6, Marble Run with a Twist

Gravity, Force & Friction, Science

We all know what marble runs are, we know they are fun. But do we know what are the key physics principles in action? And what effect will magnets have on a metal marble? What about the angle of slope? Grade 6 students are working on building this Magnetic Marble Run in teams.



Grade 7 & 8, Sensors and Reflection of Light

Sound and Light, Science

Grade 7 explore different sensors and how to control them using Arduino- A micro-controller. Students figure out the answer to the questions- How do you measure the depth of the Ocean? How does a Sonar work? Can Ultrasonic Sensors help measure distance. For this grade the next step is to build a robot that works on the same principle. While Grade 7 is working with Sound and its application, Grade 8 is putting the puzzle pieces together for Mirrors, Prism and Reflection of Light. Why, you may ask? To be able to build a Smart Glass, much like the old Google Glass, by themselves.

