

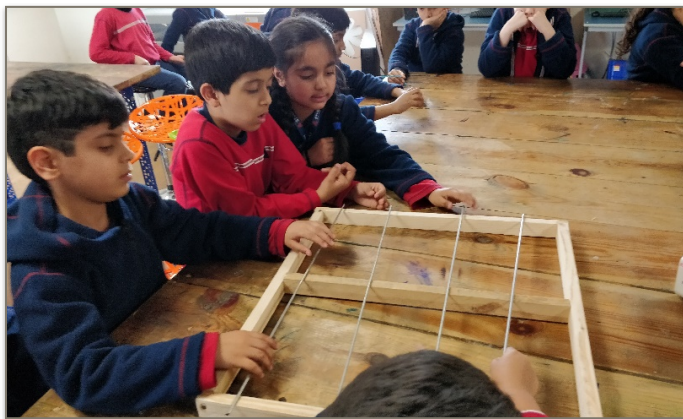
MakersBox February

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

Grade 1, Toppling Towers

Weight, Mathematics

Students began their activity of building bucket towers. A fusion of mathematics, engineering and design, students had to solve a challenge to build a tower that can take enough weight without toppling over!



Grade 2, What's an abacus?

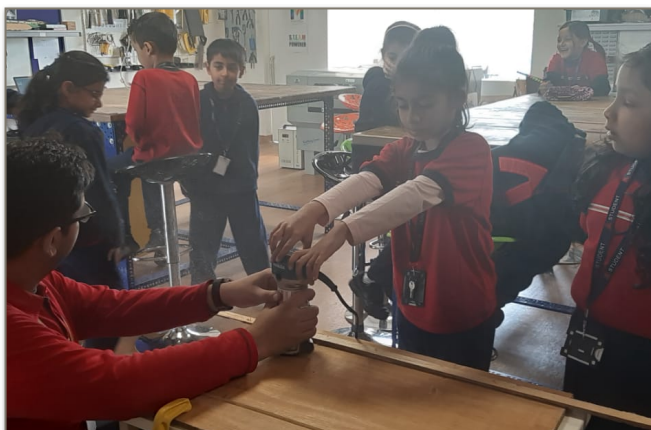
Multiplication, Mathematics

Mix up woodworking and mathematics and what do you get? Skills on cutting, joining and an abacus to learn multiplication. Students built their own Mathematics aid that can be used inside the classroom to practice

Grade 3, Stamps and History

Indus Valley Civilisation, Humanities

Students worked on creating stamps for different symbols of the Indus Valley Civilisation. They also worked on creating the map of Indian sub-continent and understanding the drainage system adopted during the civilisation.



Grade 4, Light, Shapes and Electricity

Shapes, Mathematics

Students worked with easily available materials and turned them into geometric shape lamps. An activity that explored Design, Shapes and Electricity. Time to install them and light the space up!



Grade 5, Row, Row, Row your Boat!

Buoyancy, Science

Another inter-disciplinary activity, students undertook a S.T.E.A.M Boat challenge and built boats with different materials- wood, paper, tin-foil even printing it with a 3D printer.

Enrichment Program

Students worked with different hand tools and power tools in woodworking and are now working to build their skills as a part of the Motor Club- learning about different part of a car, design and their function.



World Studies, Hinduism

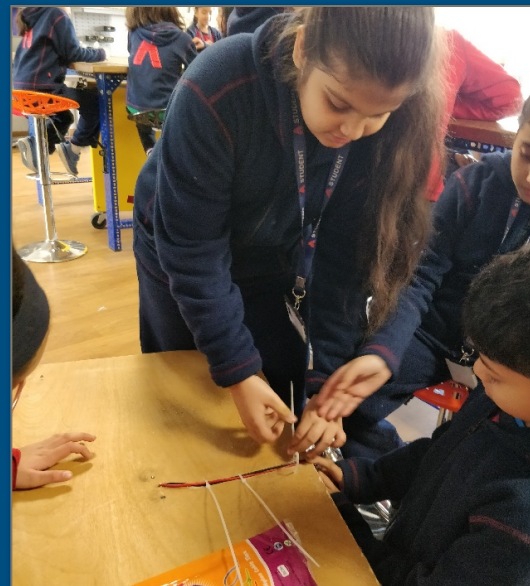
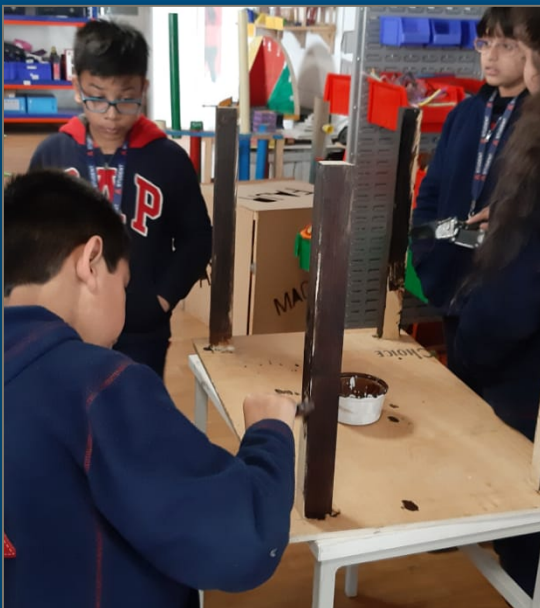
For the month of February and March, students are studying about the faith of Hinduism as part of their World Studies Unit. Hinduism is made up of various cultures and countless folklores. These stories have always formed an essential part of any custom or festival then, what better way to showcase Hinduism by using stories as a medium.

Students will work with mixed mediums- both physical and digital to put together a theatre showcase that tells the legend behind the festival of colours- Holi- the story of Holika and Prahlad.

Junior grade is working to put together a shadow theatre, working on the structure, the story and the puppets, while Senior grade will work on making the theatre interactive by building an interactive rangoli and and virtual fire that will be a part of the final showcase.

Primary Grade: Shadow Theatre

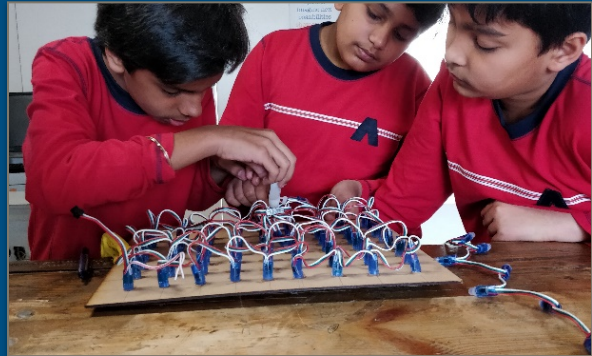
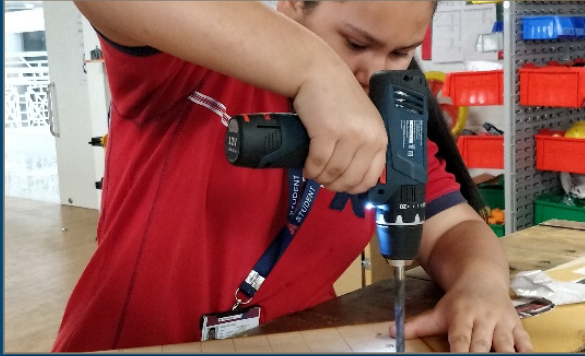
Students are working to build the structure of theatre and setting it up. The next step is to design the puppets for the story and find a powerful light source and test out their theatre.



Secondary Grade: Virtual Fire Cube

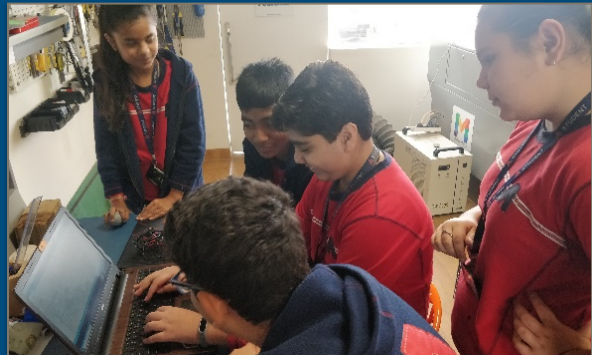
Ideate and Design the LED Matrix

The first step for building the Virtual Fire is to design a matrix of LED's. Students ideated and worked on building their Matrix using the tools in the Maker Space.



Code, Test, Repeat

Next Step, to code the Matrix and learn how to control it.



Disclaimer: Safety is priority at MakersBox. We urge all our students to wear proper safety gear before working in the lab. Sometimes, students take out their safety gear to get their pictures clicked.