

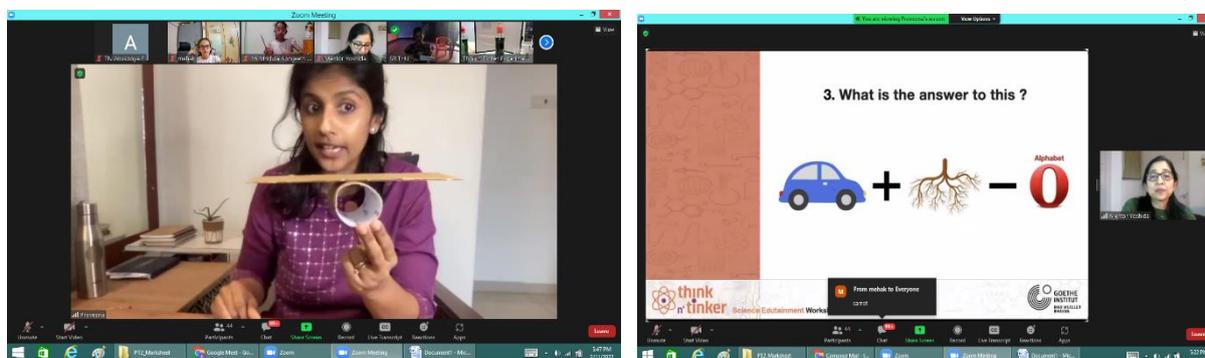
THINK n' TINKER SCIENCE EDUTAINMENT WORKSHOP

Goethe-Institut/Max Mueller Bhavan Chennai conducted a series of science digital edutainment workshops for school students from grades 1 to 8 focusing on various ways for children to stay curious and active at home by exploring their surroundings and asking questions. The key aspects of the workshop were: scientific investigation, creative exploration, fun challenges, hands on activities and interactive sessions. The workshop was conducted by Ms. Yoshida Menon and Ms. Praveena Nandakumar.

The list of materials sent prior to the workshop was an exciting teaser and prelude to trying out the experiments.

Children of classes 1, 2 and 3 were introduced to Chromatography.

Students of classes 4, 5 and 6 explored concepts related to air pressure, friction, surface tension, balancing forces, buoyant force, float and sink were explained in interesting hands-on activities. Students did not sink in scientific terms but were kept afloat throughout the workshop.



Students of classes 7 and 8 explored higher concepts like Centre of gravity, sliding friction and rotational inertia.

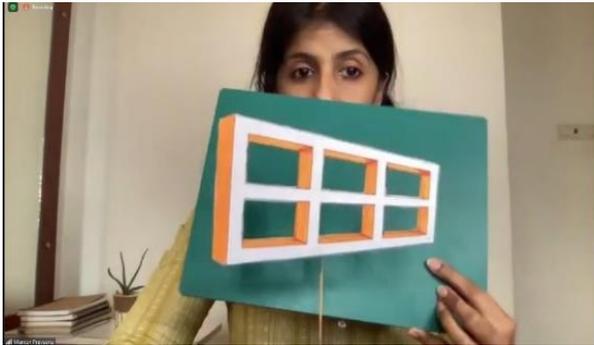


Students were also shown how to make a hologram with readily available household materials.

As a short break from hands-on activities, an interesting quiz was conducted by the mentors.

The questions were all about mind-boggling illusions.

After the enjoyable quiz was a fascinating activity where everyone made a spectroscope using Old CDs, cardboard tubes, black chart paper and leaves.



One of the final activities was extremely simple – students used a circular plate and a string to prove the formula for the circumference of a circle

Finally, in the last activity a volatile liquid (soap/sanitizer) was taken and put into a transparent container. Using a torchlight, everyone projected different patterns onto walls, ceilings and other white surfaces.



The virtual workshop was thoroughly enjoyed by all the participants. The students learnt to look at science in a fun and interesting way and the hands on activities ensured that they internalised the scientific concept involved.

The school is very happy that despite the pandemic, it could arrange for students to participate in such workshops.

IVY SCRIBES – Media Club
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