

PUSA ROAD CAMPUS
PRIMARY DEPARTMENT

Astronomy Club Activity

November 2021

Topic- 'Greh se Upgreh'

(‘ग्रह से उपग्रह’)

A satellite is a body that orbits around another body in space. There are two different types of satellites – *natural* and *man-made*.

Examples of Natural satellites are the Earth and Moon. The Earth rotates around the Sun and the Moon rotates around the Earth.

A man-made satellite is a machine that is launched into space and orbits around a body in space. Man-made satellites come in many shapes and sizes and have different pieces of instruments on them to perform different functions while in space.

Once the satellite is launched into space, Space Communications and Navigation (SCaN) provides the channel of communications for the data to go to and from the Earth and the satellite. These communications include commands to the spacecraft as well as the scientific data coming to Earth.

The Astronomy Club Activity for the month of December 2021 gives you an opportunity to launch your own Satellite ‘Greh se Upgreh’ (‘ग्रह से उपग्रह’)

So fasten up your seatbelt with yet another interesting craft activity.

For this activity, you will require:

- an empty toothpaste box/cardboard box
- coloured craft paper in a bright colour like green/purple/orange/red
- colours
- glue and scissors

You may refer to the link given below for making your own Satellite.

https://drive.google.com/file/d/1d0l7yAPwjjYF1CZ9DObLOGMC_9Zh6nd2/view?usp=drivesdk

Share your pictures holding your satellite with the class teacher positively on or before Thursday, 30 December 2021 by 6p.m.

Fun Facts!

- **India's First Satellite**
Aryabhata was India's first satellite, named after the famous Indian astronomer. It was launched on 19 April 1975 and was built by the ISRO.

Happy Learning !

Regards

Team Bal Bharati, GRHM