

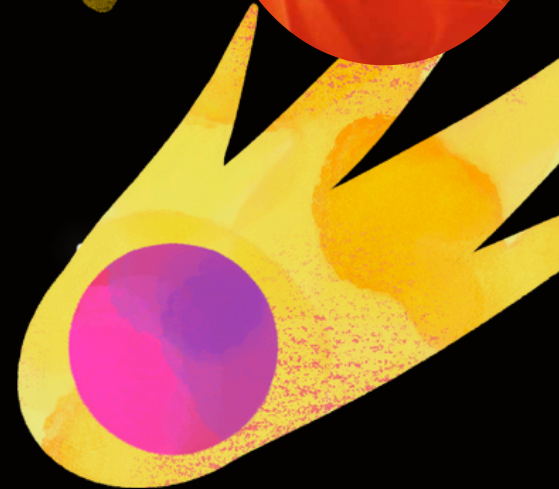
CHINMAYA VIDYALAYA
KATTAKADA



INTERNATIONAL

ASTEROID
DAY

JUNE 30, 2025



☀️ **Classes 1 to 3: Simple Tech & Robotic Concepts**

1. Build a Paper Robot Astronaut

Activity: Create a cut-out robot who is sent on a mission to land on an asteroid.

Extension: Give the robot a name, and kids draw the mission

☀️ **Classes 4 to 6 :Tech Craft: Make a Space Helmet with LEDs**

Activity: Use basic circuits (LED + battery) to make a glowing space helmet or asteroid scanner.

☀️ **Classes 7 to 9: Asteroid Collector Robot (Manual Control)**

Students will build a simple robot using wheels and a collecting arm, which they will manually control (push/pull or steer) to collect "asteroids" (ping pong balls, stones, or paper balls) from a set area.



In this activity, students will build a simple robot using cardboard, bottle caps, straws, and thread.

The robot will look like a small vehicle and can be pushed or pulled by hand to move.

It will have a basic arm to collect small objects like paper balls, which will act as "asteroids."

This helps students understand how real robots collect samples during space missions.

They will learn how wheels and arms work together to perform a task, just like in a real robot.

The activity also teaches creativity, problem-solving, and how to build using low-cost materials.

**please submit this on or before june 30 2025 itself
If you have any doubts contact your robotics teacher**

