



Today, children are growing up as first citizens of the digital world. We want to help parents ensure that their child's relation to technology is not just that of a passive tech consumer. We are not happy with them just being a tech creator either – We want the children to be Future Tech Leaders!

Leaders are about Excellence and Independence. Hence, we obsess about building **Independent Coding Confidence** in every single child. That means their learning is not dependent on the teacher, only facilitated by it.

Every project they do – they are measured not just on the output but on their confidence & ability to make it entirely on their own. As ambitious as it sounds, without it we feel we haven't done our job. There is no point copying code or making impressive projects with 90% contribution by the teacher and passing it off as student's project. Apart from having computer science alums from IIT & CMU as curriculum heads, PurpleTutor is the only platform that:

- · Mandates every teacher to have a formal Computer Science degree.
- Has inhouse teacher training, PurpleTutor Academy, where teachers are trained to let the students Lead the curriculum journey as per their creative ideas, ability and interest.
- Ensures each child develops Independent Coding Confidence, and go from being a Coder -> PurpleCoder!



Carnegie Mellon University





12 people walked on the Moon by the year 1972, but for 50 years since then no human has done so. All that is set to change! Become a part of the **Golden Era of Space Exploration** and join the mission to make humans a multiplanetary species, with ground breaking innovations like Reusable Rockets!



### MISSION 1: EXPLORING OUR UNIVERSE

### What Will Your Child Learn?

- Get familiarized with the astronomical concepts and vocabulary
- Learn about the cosmos, solar system, planets, moons and outer space objects

### What Will Your Child Do?

- Projects depicting astronomical themes like Planetarium, Galaxy, Solar system, and formation of eclipses
- 3D visualization and model building

### **Benefits**

- Assessment report
- Pa Six 2D projects
- 😫 One Space Shooter Game
- One 3D project

MISSION 2: REACHING INTO SPACE

#### What Will Your Child Learn?

- How do Telescopes work
- Satellite Communication and its Applications
- Science behind Rocket Launches
- NASA's famous Space Missions

### What Will Your Child Do?

- Projects depicting astronomical themes like Planetarium, Galaxy, Solar system, and formation of eclipses.
- 3D visualization and model building

### **Benefits**

- Two 2D projects
- 🗄 One personalized Space Mission
- Four 3D projects

# Benefits

with NASA

- Assessment Report
- 📃 Course Completion Certificate
- ⊕ t B Three complex 3D Model building projects
- Personalized 3D project with synopsis on Mars Habitat Challenge



· Life of astronauts and how to get involved

Explore and learn basic Rocket Science

principles needed for colonizing Mars

• 3D Scene Building : Space Habitat Challenge

What Will Your Child Learn?

What Will Your Child Do?

Complex Model building

**MISSION 3: COLONIZING MARS** 



# Learning Path for LITTLE CHAMPS

# SpaceTech Projects

Projects created through SpaceTech by our PurpleTutor Students

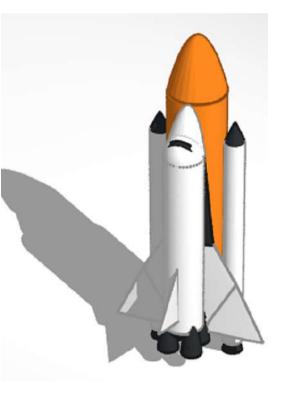
## SpaceTech

# Space Shooter Game



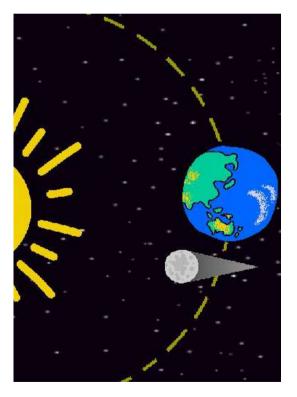
## SpaceTech

## **3D Rocket Model**



### SpaceTech

**Eclipse Simulator** 



LC





Click on the image to watch video

I'd like to thank PurpleTutor for having onboard Miss Varsha. I appreciate the efforts she's giving and the attention she's giving for my daughter. Miss Varsha, thank you a lot!

Fady Sayah, Mia's father, Lebanon



Click on the image to watch video

Among the three extra curricular classes Aman has signed up for, PurpleTutor is the one he enjoys the most. He seems to be doing the coding projects on his own all the time, while I constantly need to chase him for the other two!

Ashutosh Wakankar, Aman's father, USA



Click on the image to watch video

Ahana keeps telling me that she gets so much space for creativity with PurpleTutor. She is really excited about her classes, and I love how PurpleTutor is so service oriented and friendly!

Vipula Gandhi, Ahana's mother, USA

