

World Space Week 2026

Theme : Rocket Revolution

KNOW YOUR ROCKET PARTS

Explore • Learn • Understand • Launch!

Every Part
Has a
Purpose!



MY ROCKET

Students will learn about the different parts of a rocket, understand their functions, and engage in a creative activity.

MATERIALS

- Copies of the "Rocket Revolution" coloring sheet (provided below)
- Crayons or coloring pencils
- Scissors (for older students)

INSTRUCTIONS

1. Introduction

- Start by asking the students: "What do you think a rocket is used for?" (Explain that rockets carry people and payloads, like satellites, to space).
- Discuss the excitement of space exploration and the importance of rockets in this journey. Introduce the theme "Rocket Revolution".

2. Exploring the Rocket Parts

- Display the "My Rocket" coloring sheet to the class.
- Walk through each labeled part
 - ✓ Nose Cone
 - ✓ Payload Fairing
 - ✓ Fuel Tanks
 - ✓ Boosters
 - ✓ Fins/Stabilizers
 - ✓ Engines

3. Coloring and Personalization

- Hand out the coloring sheets and crayons.
- Encourage students to be creative with their designs. They can imagine their rocket is carrying astronauts, an experimental satellite, or even an intergalactic pizza delivery!
- Encourage them to color the parts with purpose. (e.g., using fiery colors for the engines, bright colors for the nose cone, or intricate designs for the payload).

4. Show and Tell

- Ask students to share their creations with the class and briefly describe their rocket's unique mission or features.

World Space Week 2026 Pakistan

Theme :

ROCKET REVOLUTION

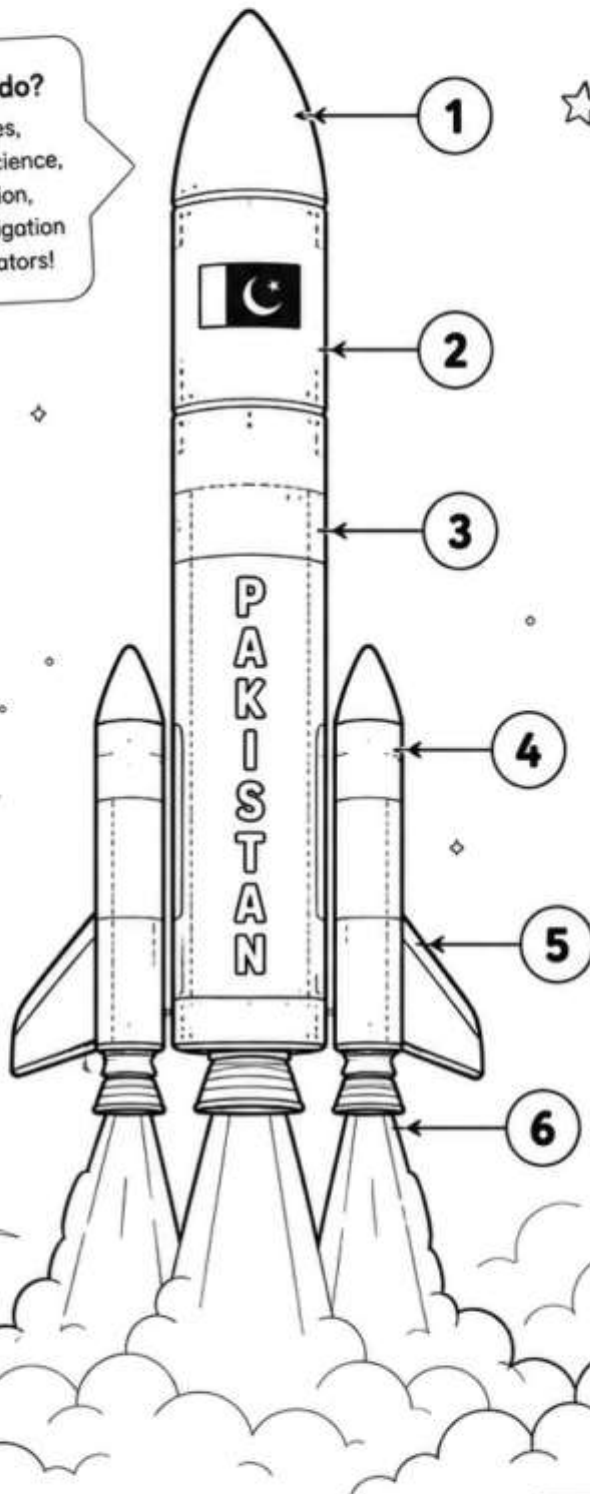


Discover the parts. Understand their purpose. Imagine the possibilities!



What do rockets do?

Rockets carry satellites, explore space, support science, help with communication, weather forecasting, navigation and inspire future innovators!



ROCKET PARTS & THEIR PURPOSE

Color the rocket and match each part with its purpose by using the numbers.

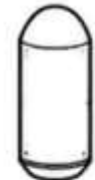
1



NOSE CONE

Protects the payload (satellite or instrument) at the very top.

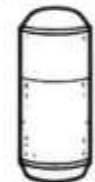
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PAYLOAD FAIRING

A protective cover that shields the payload from heat, wind and vibrations during launch.

3



FUEL TANKS

Stores fuel and oxidizer. When mixed and burned, they create the power to lift off!

4



BOOSTERS

Provide extra thrust during launch to help the rocket lift off and climb higher.

5



FINS / STABILIZERS

Keep the rocket steady and balanced as it flies through the sky.

6



ENGINES

Produce powerful thrust (push) to overcome gravity and propel the rocket into space.

Name: _____

Class: _____ School: _____



Draw what you think a rocket is carrying.



★ Dream. Build. Launch. The Revolution Begins With You! ★