

SUMMER HOLIDAYS HOME WORK

INTEGRATED PROJECT

CLASS 5 TERM 1 (2026-27)

An integrated project is when we learn many subjects together through one fun theme, instead of studying them separately.

THEME : “A JOURNEY THROUGH SPACE – FROM IMAGINATION TO EXPLORATION”



INTRODUCTION

Space is vast, mysterious, and full of wonders. This integrated project takes us on an exciting journey through the universe where we explore planets, numbers, science, creativity, and imagination. From becoming an astronaut lost in space to learning about real space missions, this project helps us understand how different subjects are connected in a fun and meaningful way.

ENGLISH

Cosmic Adventure: “Lost in Space

Task: Create a comic (8–10 pages)

Title: “*Lost among the Stars*”

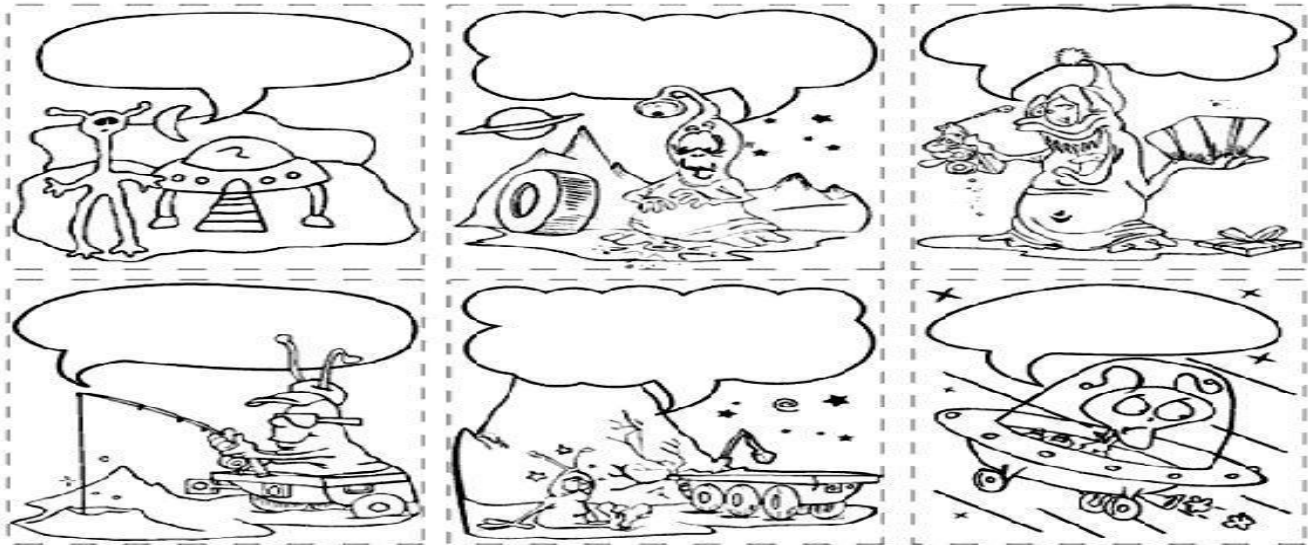
Ideas for your comic: (Use any one out of this or you can use your own imagination)

- You are an astronaut who loses direction in space
- You meet aliens or discover new planets
- You feel scared but also excited
- You find a way back home

Use speech bubbles, colors, and drawings to make it interesting.

1. Lost but Curious

SPACE COMIC SCENES



2. Friendly Alien Encounter



- You land on a strange planet
- Meet a funny or kind alien ☐
- Alien helps you repair your spaceship
- You become friends and say goodbye

3. Planet Adventure Tour

- Visit different planets one by one
- Each planet has something special
 - Mars – red and dusty
 - Saturn – rings
 - Jupiter – huge storms

- You learn something new on each planet

4. Space Danger & Survival

- Face dangers like asteroids ✂ □
- Oxygen is running low
- You think smart and fix problems
- Show bravery and quick thinking

5. Finding the Way Home

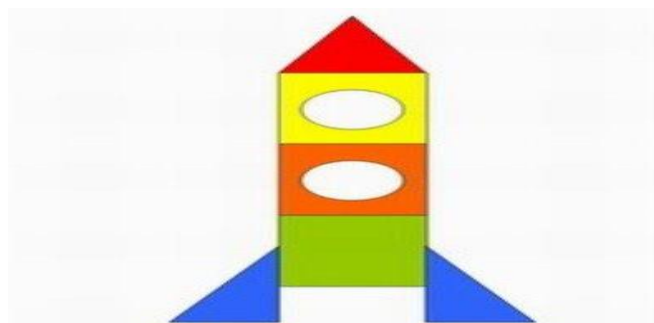
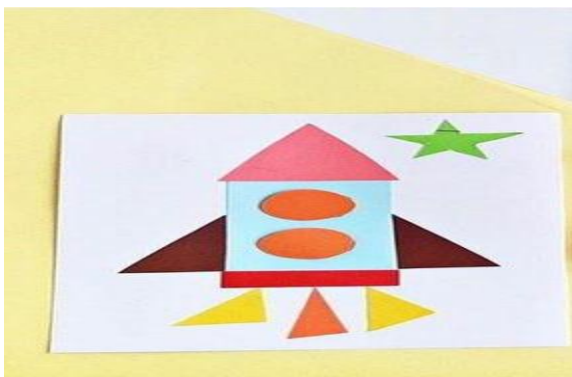


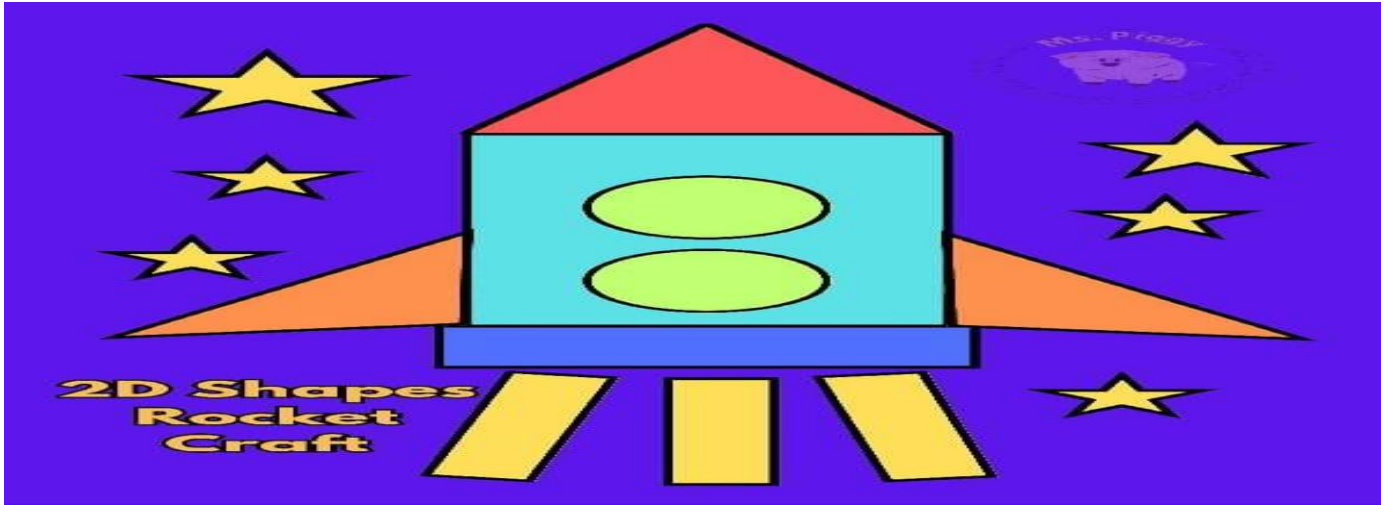
- You feel homesick □
- Use stars or technology to find direction
- Finally see Earth □
- Safe landing and happy ending

MATHS

Fun with Space & Numbers

1.Design and create a 2 D space rocket using different geometric shapes such as rectangles, triangles, circles, and squares.





2. Change Big Numbers of space in the following way

2. The average distance from Earth to the Sun is approximately 15000000 km while the average distance to the Moon is approximately 384400 km. Using the given data answer the following:

1. Write the number names of 15000000 and 384400 in Indian and International place value system.
2. Out of these which is greater and by how much?
3. In 384400 find the place value of both 4
4. Add them and write their sum
5. Multiply them and write their product

HINDI

पत्र लेखन

विचार कीजिये की पृथ्वी ने आपने मित्र मंगल ग्रह को यह पत्र लिखा है, आप इस दिए गए पत्र का उत्तर मंगल ग्रह द्वारा पृथ्वी को दीजिये

पृथ्वी का मंगल ग्रह को पत्र

प्रिय मंगल ग्रह,

नमस्ते!

मैं पृथ्वी हूँ, सौरमंडल का एक सुंदर ग्रह। मेरे पास हवा, पानी और जीवन है। यहाँ मनुष्य, पशु-पक्षी और पेड़-पौधे रहते हैं। मैंने सुना है कि तुम्हें *लाल ग्रह* कहा जाता है। तुम बहुत रोचक लगते हो। क्या वहाँ जीवन है? क्या तुम्हारे यहाँ भी मौसम बदलते हैं?

मैं चाहती हूँ कि हम अच्छे मित्र बनें और एक-दूसरे के बारे में और जानें।

तुम्हारी मित्र,
पृथ्वी

सुंदर चित्र बनाइए या चिपकाइए।

SOCIAL SCIENCE

A. Journey of space Exploration

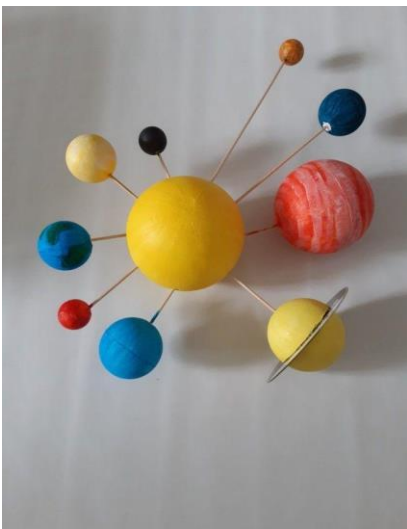
1. List any four events with launch of satellite and rockets (example- 1957- Sputnik I become 1st Artificial Satellite)
2. List any three famous space mission conducted by ISRO
3. How does space mission help common people? Give 4 points
4. Draw or paste picture of satellite in space

B. Make a Project on Mangalyaan (Mars Orbiter Mission)

- Introduction
- Launch Details
- Objectives of Mangalyaan
- Scientific Instruments
- Achievements
- Interesting Facts
- Challenges Faced
- Conclusion

SCIENCE

Make a Model of Solar System (you can use these ideas or show your own creativity)



Creative twist: Model Making

- Sun at the center
- 8 planets in correct order
- Proper labels
- Use beautiful colour, sheets, straws and other decorative material.

2. Complete the Planet Information Table for four planets, one is done for you.

Planet	Other Name	Temperature	Revolution Time	Composition	Special Feature
Mars	Red Planet	Cold	687 days	Rocky	Red color
Jupiter					
Saturn					
Earth					

GK

Space Discoveries

Imagine that you are an astronaut embarking on a thrilling cosmic adventure. Describe any four fascinating things you would observe or discover in outer space. Creatively illustrate your imagination by drawing or pasting a colourful picture of your favourite planet or an exciting space scene

For example :

Four Things I Would See:

- Beautiful stars and galaxies
- Bright comets and meteors ✨
- Floating in zero gravity
- Planets of different colors

COMPUTER

Applications & Creative Computing

- **Presentation Creation:** Create a 5-slide PowerPoint presentation on topics like "Uses of Computers in Different Fields," "Artificial Intelligence," or "Cyber Safety".
- **Best Out of Waste:** Build a creative model of a computer component (like a keyboard or mouse) using household waste materials.
- **Word Processing:** Type a short paragraph about your vacation in MS Word, using different fonts, colors, and sizes.

Logic/Coding Basics: Solve a simple computational thinking puzzle or create a basic flowchart for a daily routine.

Note: *The above-mentioned project to be done in Project file . *Click the photos and make videos of students while doing these activities and share these with class teachers.