



Swaraj Public School, Damla
Aff. No :531727 School Code:41704
Website :www.spsdamla.edu.in
Session 2023-24

**Summer Enrichment Programme
Class - III**

SUMMER TIME, SUMMER TIME

LET'S GO OUT AND PLAY

TIME FOR FUN AND LOTS OF SUN

I LOVE THESE KIND OF DAYS

SUMMER TIME, SUMMER TIME

SWIMMING TO STAY COOL

PILLOW FIGHTS,

AND LATE NIGHT FIGHTS

**AN AWESOME BREAK FROM
SCHOOL**

:) APPRECIATE NATURE - GO FOR LONG WALKS IN A PARK OR GARDEN WITH YOUR FAMILY AND FRIENDS. GROW A PLANT AND NURTURE IT.

:) UNRAVEL THE ARTIST IN YOU - CREATE A NEW STORY, TRY A NEW RECIPE WITH YOUR MOM, LEARN A NEW SONG, PLAY A NEW INSTRUMENT.

:) GOOD MANNERS ARE THE KEY- RESPECT YOUR PARENT, GRANDPARENTS AND ALL ELDERS.

:) USE THREE MAGICAL WORDS (SORRY, PLEASE AND THANK YOU) OFTEN. 'A LITTLE MORE COURTESY GOES A LONG WAY.'

:) STAY FIT, STAY HEALTHY - PLAY YOUR FAVOURITE GAME/SPORT REGULARLY.

:) DEVELOP IN YOURSELF THE SPIRIT OF SPORTSMANSHIP & SENSE OF HEALTHY COMPETITION.

:) LEARN ABOUT OUR HERITAGE – FIND SOME TIME TO VISIT MUSEUM AND MONUMENTS. READ ABOUT THEM.

:) LEARN NEW THINGS RELATED TO YOUR COUNTRY.

:) SAVE NATURE – CONTRIBUTE TO SAVE OUR PRECIOUS ENVIRONMENT. MINIMIZE THE WASTAGE OF RESOURCES LIKE WATER AND FUEL



General Instructions

1. Holiday homework is divided into four parts:

- a) Worksheets***
- b) Activities***
- c) Craft Creation***
- d) Presentations***

2. Read and follow the instructions carefully given in each worksheet.

3. Used Sparkled pencils to complete the worksheets.

4. Complete the worksheets and paste them on thick A4 sized bright coloured paper and get them spiral bound like a folder.

5. Decorate the cover page with pictures or drawings relevant to the theme.

6. Label the cover page of the folder as per the theme given.

7. The worksheet given in the homework has to be done in the child's Handwriting only .The parent can guide and support in searching the required information and facilitating the craftwork.

8. Paste coloured pictures wherever required.

9. Use recyclable or waste material available for craft activities.

Theme – Galaxy Galore



*Galaxy gardener sailing a ship,
through endless horizons it makes a trip.
He looks into the inky canvas blend,
then scatters some seeds in the special rend.
What does await this brave lovely soul,
when we see the universe's gears roll.*

HINDI

Roll no 1 से 6

सौरमंडल के निम्नलिखित चार ग्रहों के बारे में विस्तार से वर्णन करें।

- 1 बुध**
- 2 शुक्र**
- 3 पृथ्वी**
- 4 मंगल**

Roll no 7 से 12

भारत के प्रथम अंतरिक्ष यात्री के बारे में A4 शीट पर लिख कर बताएं।

Roll no 13 से 19

सूर्य ग्रहण व चंद्र ग्रहण का चित्र बना कर विस्तार से लिखें।

Roll no 20 से 25

सौरमंडल के निम्नलिखित चार ग्रहों के बारे में विस्तार से वर्णन करें।

- 1 बृहस्पति**
- 2 शनि**
- 3 अरुण**
- 4 वरुण**

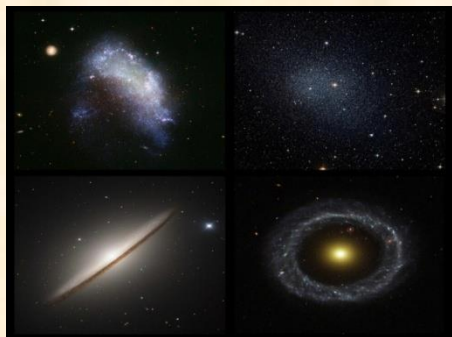
Roll no 26 से 34

सभी ग्रहों पर एक कविता लिखें।

SCIENCE

Roll no. 1-4

**There is main four types of galaxies. Tell, what is galaxy? Also make four types of galaxies (roll no 1- spiral galaxy, roll no 2- elliptical galaxy, roll no. 3- peculiar galaxy, roll no 4- irregular galaxy)(with oil pastel colours) on black chart paper and explain them on coloured A4 size sheets.
Also make model of Mercury Planet using a ball.**



(<https://youtu.be/XbrrX3qShns>) - Spiral galaxy

**Roll no 5-8: Our galaxy is Known as the milky way galaxy. Explain it on coloured A4 size sheets.
Also make model of Venus Planet using a ball.**



(<https://youtu.be/9k9VTp31AL4>)

Roll no 9-12

A galaxy is large group of stars, gas and dust bound together by gravity. All the stars we see at night making different constellations are the part of milky way (large barred spiral galaxy) galaxy. Create different constellation by given method(roll no 9,10) and on chart (roll no 11, 12), also explain what is constellation and types of constellations on coloured a4 size sheets.



(<https://youtu.be/dhNVsOr1ygM>)

(<https://youtu.be/oOo6mv9JIWU>)

Roll no. 13-16

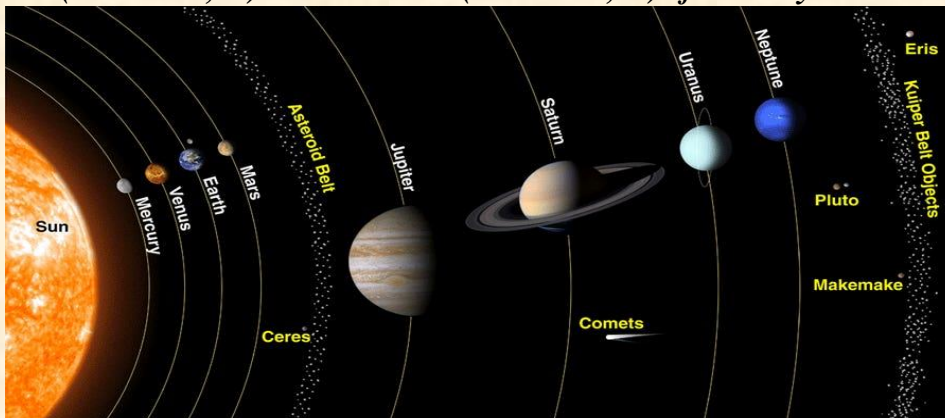
Moon is the natural satellite of earth. Study about asteroids, Meteoroid and craters on moon and find out how craters are formed and why they are of different sizes.



(<https://youtu.be/24LAmNgdcZA>) - Activity to show formation of craters on moon

Roll no 17-20

Our solar system- which includes the Sun, Earth and seven other planets, is the part of our galaxy. Make a chart (roll no 17,18) and 3-D model(roll no 19,20) of Solar System.



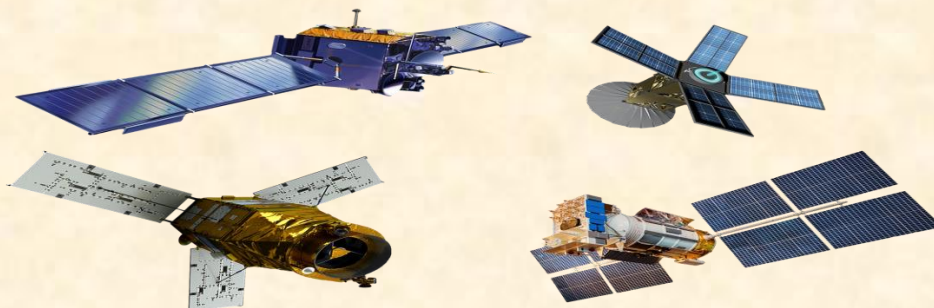
(<https://youtu.be/NCYpM IEbNY>) Solar System

(<https://youtu.be/J6pJzRrW4g8>) - Project Size must be bigger

(<https://youtu.be/kk86xwB36mw>)- Must be bigger

Roll no 21-24

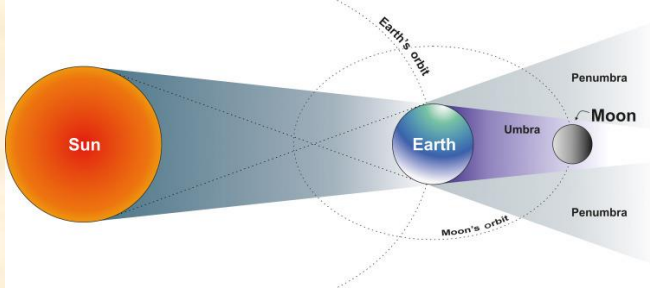
What are artificial satellites? Study about earth' artificial satellites also tell their uses. Draw beautiful pictures on chart.



(<https://youtu.be/JZ5X25z0rLE>)

Roll no 25-28

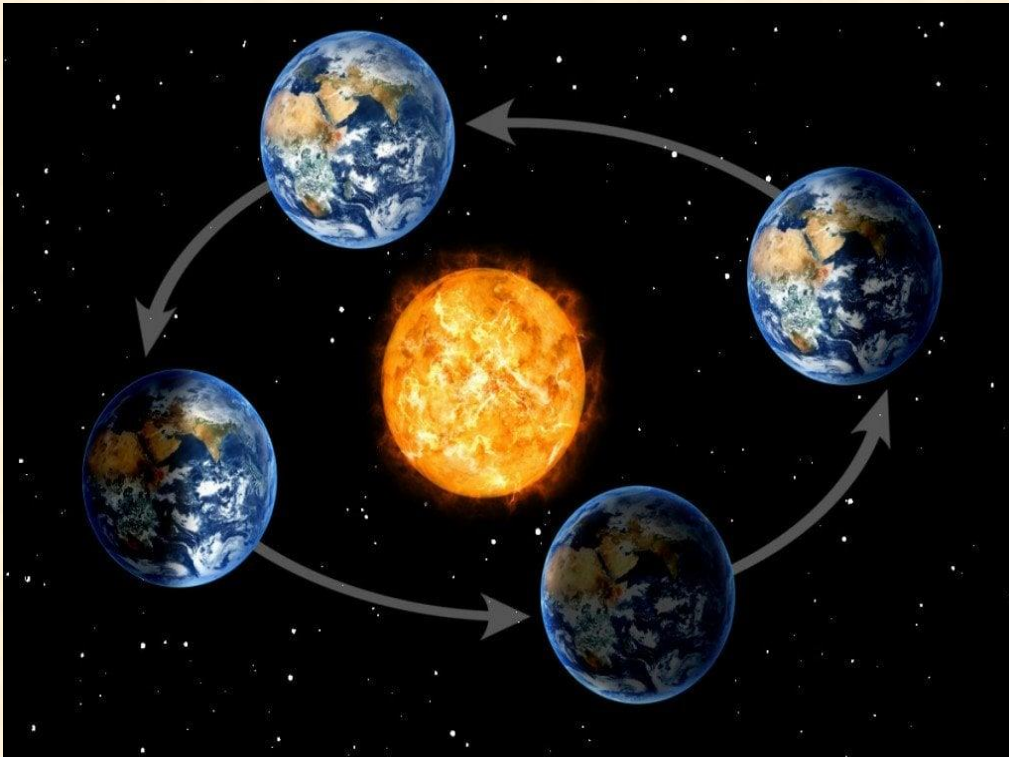
What do you mean by eclipse. Explain solar and lunar eclipse (on A4 coloured sheets). Show the lunar eclipse with the help of 3-D model(roll no 25, 26) and chart (roll no 27,28)



(<https://youtu.be/FiOoUmXE928>)

Roll no 29-34

Explain two types of movements of earth on A4 size coloured sheets and Make a chart to show the formation of different seasons.

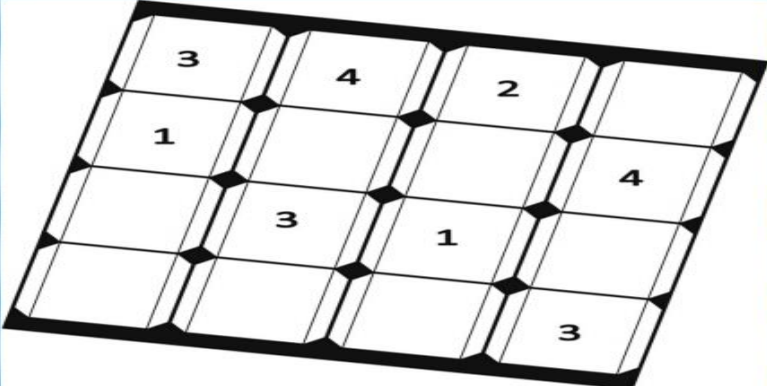


Mathematics

Roll no. 1-4

Space Sudoku!

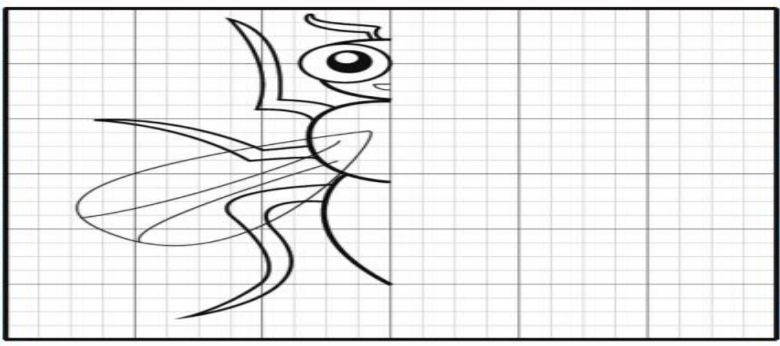
After a hard day's work, astronauts have time to exercise and relax with some of their favorite activities. Relax with a Sudoku puzzle! Remember, use the numbers 1, 2, 3, and 4 only once each in each row and once in each column.



Roll no. 5-8

Fruit Fly Observations

Here's your chance to be a NASA scientist! Below is half of a simple fruit fly blue print. Your mission is to complete the other half of the image by drawing the mirror of the image present on the grid.



Hint: Count the number of blocks in the grid to make sure your dimensions are correct.

Roll no. 9-12

- ✚ Gather your materials. You need black or dark blue paper, some white or yellow chalk and some sticker stars.
- ✚ Draw any picture you want on the paper using the chalk.
- ✚ Once the picture is finished, add the stars.
- ✚ Don't forget to give your constellation a name.



Roll no. 13-16

Draw different phases of moon showing Ascending order. (Roll no. 13 and 14)

Draw different phases of moon showing Descending order. (Roll no. 15 and 16)

Roll no. 17-20

- 1) Find the distance between the following and add them
 - a) Mars and Sun
 - b) Sun and Earth
- 2) Find the distance between the following and find the difference.
 - a) Sun and Jupiter
 - b) Sun and Venus

Roll no. 21-24

SOLVE THE FOLLOWING ON A4 SHEET.

Space problems

Jeff plays Minecraft. On Monday he played for 67 minutes. On Tuesday he played for 32 minutes. On Wednesday he played for 43 minutes. How many minutes did Jeff play during the week?

My answer _____

Jason baked 93 space cookies to sell at the saturn's sale. He plans to take home whatever cookies he doesn't sell. If he sold 77 cookies, how many cookies will he take home?

My answer _____

Daniel has 63 coins and 9 piggy banks. If each piggy bank has the same number of coins, how many coins are in each piggy bank?

My answer _____

LIVEWORKSHEETS

Roll no. 25-28

Make lunar calendar of March 2023 on a cardboard using black and white chart paper.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|---------|-----------|----------|--------|----------|
| 26 | 27 | 28 | 01 | 02 | 03 | 04 |
| 05 | 06 | 07 | 08 | 09 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | 01 |

Roll no. 28-34 SOLVE THE FOLLOWING ON A4 SHEET.

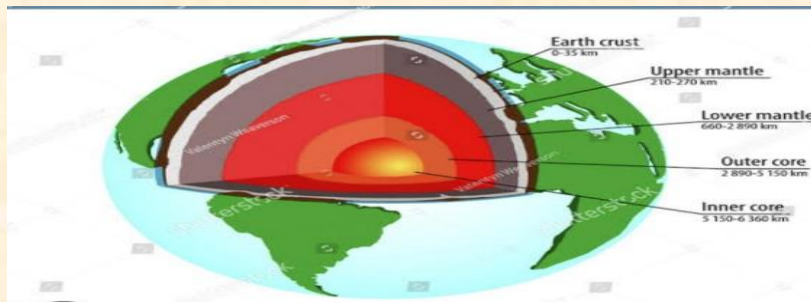
Space Word Problems

1. There have been 7 American space shuttles and 6 Russian space shuttles. How many were there altogether?
2. On the international Space Station there are 3 Russian astronauts, 2 American astronauts and 1 Chinese astronaut. How many astronauts are there on the ISS?
3. Shuttle 1 is 36m long Shuttle 2 is 5m longer than Shuttle 1. What length is shuttle 2?
4. The moon buggy travels 14 miles one day and 9 miles the next day. How far did it travel altogether?

Social science

Roll no 1 to 4

Depict different layers of Earth on chart paper . Also write about these layers on an A4 sheet.



<https://youtube.com/shorts/GaFUiz9x8T4?feature=share>

Roll no 5 to 8

Depict volcanic eruption with the help of model representation and write about most vinnic erupted area on A4 sheet.s



<https://youtu.be/rLOPdJdpKw8>

Roll no 9 to 12

Phases of moon is a magic of our galaxy. Write about different phases of moon on A4 sheet. Also make model of Earth Planet using a ball.

Roll no 13 to 16

Constellation are unplanned designs which are given a particular name on the basis of the shape they form. Some of the constellations are:

1. Big dipper
2. Great bear
3. Orion
4. Scorpio

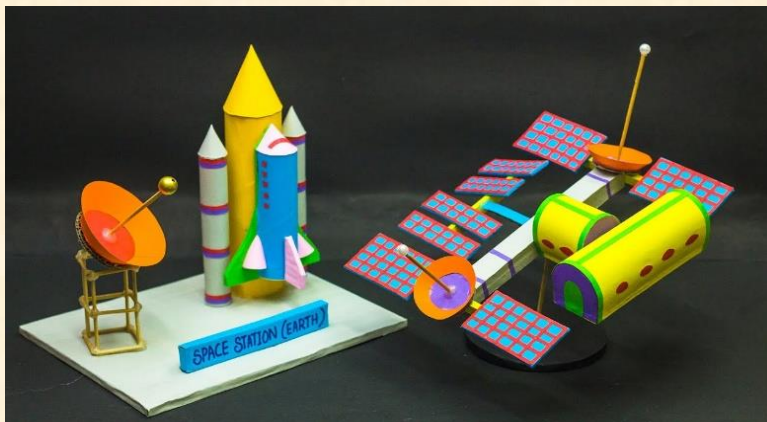
Write about it on A4 sheet in detail and make a chart of it. Also make model of Mars Planet using a ball.



<https://youtu.be/s-pdBOcRfzs>

Roll no 17 to 20

Space station is the scientific place from where we can see the happenings of space. Let's know about space station. Write about it in chart paper. Also write about ISRO on A4 sheet. Also make model of Jupiter Planet using a ball.



<https://youtu.be/EXP6h8CpE0o>

Roll no 21 to 24

Solar eclipse is the most important scientific moment make a model on solar eclipse and write about it on A4 sheet. Also make model of Saturn Planet using a ball.

https://youtube.com/shorts/Mgw_oZ7-dO?feature=share

Roll no 25 to 28

Rotation of Earth has different types. Explain about it on A4 Sheet. Also make model of Uranus Planet using a ball.



<https://youtube.com/shorts/mSdypFODG8k?feature=share>

Roll no 29 to 34

Day and night are because of rotation of the earth make a model on day and night also write about it on A4 sheet. Also make model of Neptune Planet using a ball.

<https://youtu.be/ODLSFSH6gI8>

English

Roll no. 1-4

Dear children,
It's time to relearn your ABC & don't forget it is all "About Being Creative".
Write a word starting with the given alphabets that is related to the space or satellite -

| | | | |
|---|------------------|---|-------|
| A | <u>astronaut</u> | N | _____ |
| B | _____ | O | _____ |
| C | _____ | P | _____ |
| D | _____ | Q | _____ |
| E | _____ | R | _____ |
| F | _____ | S | _____ |
| G | _____ | T | _____ |
| H | _____ | U | _____ |
| I | _____ | V | _____ |
| J | _____ | W | _____ |
| K | _____ | X | _____ |
| L | _____ | Y | _____ |
| M | _____ | Z | _____ |

Roll no. 5-8



Read and enjoy the passage and brain storm to answer the questions:

A Soviet cosmonaut became the first man in space in 1961. Yuri Gagarin's space flight was dangerous, but his Vostok 1 spacecraft protected him from the hazards of space. Almost five years later, another Soviet cosmonaut would become the first man in space, outside of a spacecraft. Alexei Leonov performed the first spacewalk in 1965. Leonov's spacewalk proved that a person could survive in space, outside of a spacecraft. Today, astronauts and cosmonauts use spacewalks to perform all sorts of tasks.

The first Americans walked in space a few months after Leonov did. Americans and Soviets had proven that they had the technology to keep a man safe, even if he exited his spacecraft. This was no simple task. There is no air to breathe in space, so a space suit must have its own air supply. There are other dangers too. Temperatures can be less than -100 degrees Fahrenheit, or they can soar to 500 degrees Fahrenheit. Without a space suit, an astronaut would freeze to death, or bake to a crisp. Another danger comes from cosmic radiation. The Sun and other celestial objects emit radiation that can be very harmful to humans. On Earth, the atmosphere blocks much of the dangerous radiation. Floating outside of a spaceship, an astronaut's only protection comes from a space suit. It is like a mobile, personal habitat.

Today, astronauts have to perform repair missions and close inspections that cannot be done from inside of a spaceship. Some of the most useful spacewalks repaired the Hubble Space Telescope. In 1990, NASA launched the Hubble into Space. It was supposed to be the most powerful telescope ever launched into orbit, but it was

broken. During several spacewalks, astronauts repaired the Hubble's faulty mirror.

After the repairs, the telescope worked better than scientists had hoped. The Hubble success proved that astronauts could safely perform complicated tasks during a spacewalk.

It takes a lot of technology to keep a person safe in space. It takes even more to keep someone safe in space during a spacewalk. Space suits have proven that they can do more than just keep people safe. They give astronauts a portable air supply, regulate temperature, and allow them to complete complex tasks, all while floating through space. Spacesuits are essential activities on most space missions.



Answer the following questions: -

a. What did Leonov's spacewalk prove??

.....
.....

b. Staying safe in space was not an easy task. What are the hazards that one faces over there?

.....
.....

c. Who launched the most powerful telescope? What was it called and what qualities did it have?

.....
.....

d. What is spacewalk? Why is it required?

.....
.....

Name the following: -

a. A mobile, personal habitat for astronauts:

b. A trained person who works in space:

Explain the given phrases: -

a. freeze to death:

b. baked to crisp:

Construct meaningful sentences with the words given: -

Essential.....
.....

Mission.....
.....

dangerous.....

Roll no 13-16

*In the early days of humanity's space programs, no one knew the effect weightlessness would have on living beings, so animals were used to test the safety and side-effects of space travel. Animals have played a central role in the development of space technology as well as being used as experimental subjects in space. Find out about the terms like **Space chimps, Canine cosmonauts, Mousetronauts** and make a timeline on the animals sent to space.*

Do you think using animals for research is a good idea?

Yes

No



Express your views :

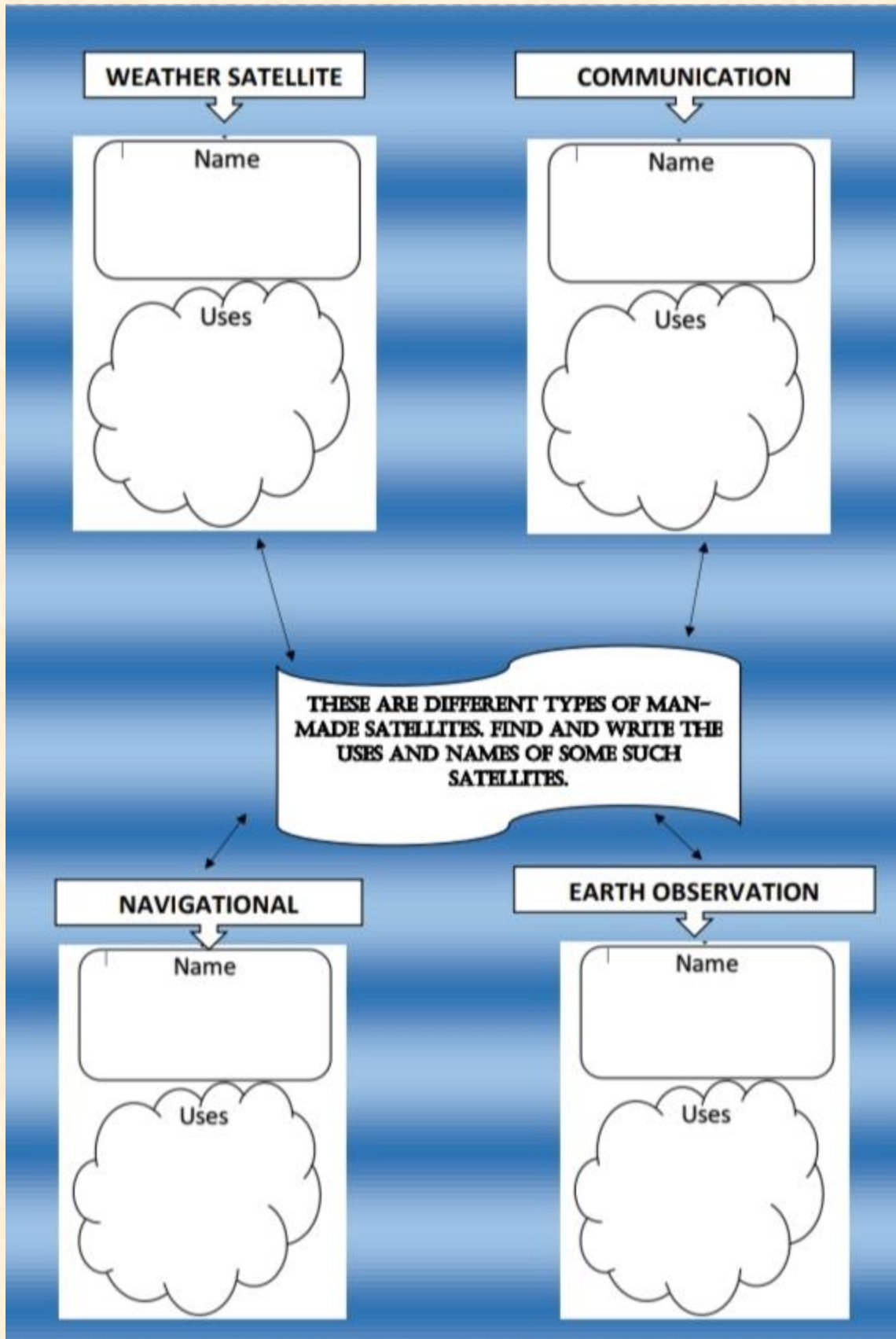
Welcome to the Space Station Word Search!

Find the words listed below in the puzzle -

(Hint: They can go up/down, left/right, diagonally, forward or backward!)

| | | | |
|------------|---------|----------|---------------|
| AIRLOCK | CYGNUS | NASA | SOLAR ARRAY |
| ASTRONAUT | DESTINY | PROGRESS | SOYUZ |
| CANADA ARM | DRAGON | RADIATOR | SPACE SHUTTLE |
| COLUMBUS | KIBO | RESEARCH | TRUSS |
| COSMONAUT | MODULE | SCIENCE | ZVEZDA |





Life in space


*How do astronauts live in space where they have to float to move about?
Let's take a look at life while working and living in the space shuttle.*

Food 
What do they eat in space?

Clothes 
Do they need special clothes while living and working inside the space shuttle?

Bath 
Do they take baths while living and working in the space shuttle?

Toilet 
How do toilets work in space?

Sleep 
How can they sleep when they are floating in space?

Exercise 
Do they not need to exercise in space?

Read the passage and answer the following-

Poor Pluto! It's bad enough that Pluto was the smallest planet. But then after 75 years, Pluto was told it wasn't a planet at all. What an insult! In 1930, scientists first found, or discovered, Pluto. And until 2006, students were taught that it was the ninth and smallest planet in the solar system.

Pluto is smaller than the earth's moon and is not even as wide as the United States. It is made up of mostly rock and ice. And it is so far away that it takes almost 250 years to circle the sun! In fact, it took a spacecraft over 11 years to get there from the earth. Pluto is small, cold, and far from the sun. But it was still thought of as a planet for years. It was considered to be the ninth planet of the solar system... until Eris was discovered. Eris is a space object about the same size as Pluto. It was discovered in 2005. Eris and Pluto are both part of the Kuiper Belt. The Kuiper Belt is a ring of objects around the outer edge of the solar system.

After Eris was discovered, scientists had to make a decision, or choice. Since Eris and Pluto were so similar, scientists had to decide whether or not Eris was the 10th planet in the solar system. And if they decided that Eris was not a planet, could they still consider Pluto a planet? Scientists made new rules for what is considered to be a planet. They decided that Pluto and Eris were not planets. So, the number of planets in the solar system went from nine to eight. Scientists made a new grouping of smaller space objects. The grouping included Pluto and Eris. They called these smaller space objects dwarf planets. So Pluto and Eris are now considered dwarf planets. So long, Planet Pluto! At least Pluto does not have to be considered the smallest planet anymore. In fact, Pluto is one of the bigger dwarf planets! Maybe Pluto doesn't have it so bad after all.

Answer the following questions.

What decisions did scientists have to make after Eris was discovered?

According to the text, what were students taught about Pluto until 2006?

Explain what made scientists decide to no longer count Pluto as a planet. Support your answer with evidence from the text.

What does the author mean by stating, "Maybe Pluto doesn't have it so bad after all"?

How does the text describe Pluto?



EBSB

Title Page

**SWARAJ PUBLIC SCHOOL, DAMLA
'EK BHARAT SHRESHTHA BHARAT' Project
Session 2022-23**

Name of Student:

Roll No.:

Class & Section:

1st Page

Make a colourful & beautiful map of state Manipur.

2nd Page

Name of the state: Manipur

Symbols of Manipur:

Capital:

Emblem:

No. Of Districts:

Mammal:

Language:

Bird:

Chief Minister:

Flower:

Governor:

Fruit:

Area:

Tree:

Sport:

3rd Page:

Learn and write 5-10 alphabets of Manipuri.

4th Page

Write about history of Haryana and Manipur.

5th Page

Traditional dresses of Haryana and Manipur.

6th Page

Explain about famous Food of Haryana and Manipur.

7th Page

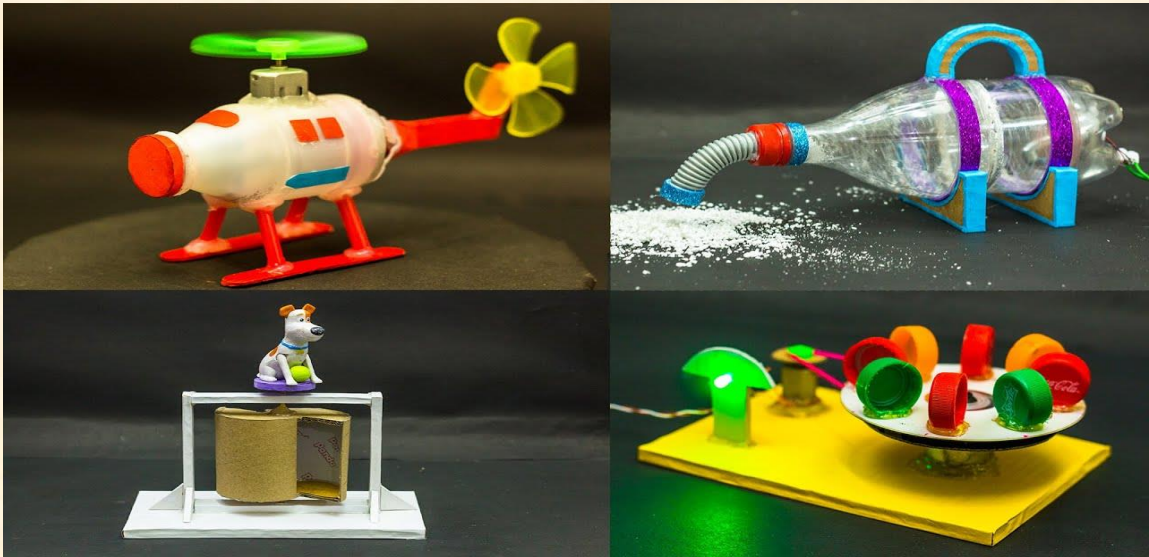
Languages spoken by people of Haryana and Manipur.

Music

- (<https://youtu.be/mOrlgH97v94>)- learn the solar system song
- (https://youtu.be/4tw_RiOp6H8)- learn Draft planet song

Art and craft

- *Craft- rocket/missile /space shuttle(using waste material)*



- *Drawing -make an abstract painting on A3 sheet*



Special Day Activities

➤ **World Environment Day**

- Plant a tree or Adopt a plant. Click photographs and send till 3rd June.



➤ **Father's Day**

- Make a card thanking your father and send photographs with your father showing your gratitude towards him. Send the photos till 15 June.



➤ **International Yoga Day**

- Send photos or videos performing yoga asanas and write about benefits of yoga on A4 sheet. Send photos and videos till 19th june.

