

SESSION : 6
CLASS : III
SUBJECT : SCIENCE
CHAPTER NUMBER : 12
CHAPTER NAME : GOING INTO SPACE
SUB-TOPIC : INTRODUCTION, WHAT IS SPACE? MAN ON THE MOON, LIFE ON THE MOON

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Learners will be able to know –

- What is space?
- Men who went to the moon and
- the life on the moon.

LET'S TEASE OUR BRAIN:

Solve the riddles.

1. I am the star in the middle. I am big and bright. I shine in the sky and heat the earth. **The Sun**





2. I am called the red planet. I am the 4th planet from the sun. What planet am I? **The Mars**

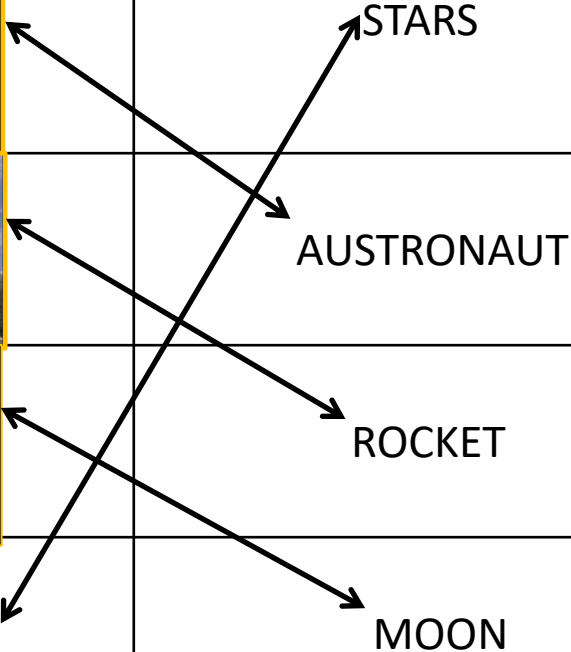
3. I am the biggest planet ever discovered. What planet am I? **Jupiter**

4. I am the 1st planet. I am a small planet. Venus comes after me. What planet am I? **Mercury**

5. I am the third planet from the sun and I am the only planet that has people living on it. What am I? **The Earth**

MATCH "COLUMN A" WITH "COLUMN B"
WHERE DO WE FIND ALL THESE ?

COLUMN A	COLUMN B
	STARS
	AUSTRONAUT
	ROCKET
	MOON



WHAT IS SPACE?

The earth is surrounded by air.

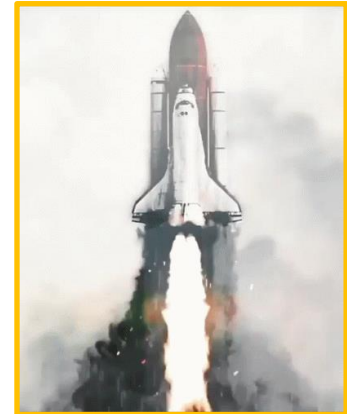
Beyond this layer of air is space.

If any thing thrown into the air it will fall back on the ground, why?

This is because of pull or force of attraction which also known as force of gravity.

We need special vehicles which have the power and space to take us away from the earth's gravitational force.

A space rocket puts a spacecraft into space.



MAN ON THE MOON

Man went to the moon for the first time in a spacecraft called Apollo 11 in the year 1969.

The first man who stepped on the surface of the moon was **Mr. Neil Armstrong**. The first words he said on landing on the moon were, **‘That’s one small step for man, but a giant leap for mankind’**.

Mr. Edwin Aldrin and **Mr. Michael Collins** were the other two who travelled in the spacecraft with Neil Armstrong.



Neil Armstrong



Edwin Aldrin



Michael Collins

LIFE ON THE MOON

- There is no air or water on the moon.
- So there are no plants or animals or people.
- There are huge potholes called craters on the moon's surface.
- The craters on the surface of the moon are much bigger than the potholes on our roads.
- The gravitational pull of the moon is less than that of the earth.
- Your weight on the moon will be one-sixth of your weight on earth, an object weighing 30 kg on the earth will weigh only 5 kg on moon.



Let's Answer:

Answer the following:

1. What is space?

Ans. The area outside the earth is the space. In space, there are various celestial objects like planets, meteors, stars etc.

2. What is force of gravity?

Ans. Force of gravity is a force of attraction with which all the physical bodies attract each other.

Let's Answer:

Answer the following:

3. What is special vehicle?

Ans: Special vehicles means vehicles designed for special purposes such as fire engine, ambulance, bulldozer, crane etc.

4. What are craters?

Ans: Craters are large holes on the moon's surface.

5. Rina weighs 42 kgs on earth. What will be her weight on the moon?

Ans: Rina weighs only 7 kgs on the moon.

LEARNING OUTCOME:

Learners will come to know -

- What is space?
- Men who went to the moon and
- the life on the moon.

THANKING YOU
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