# Chapter 12. Chandrayan

# Summary

Rani, a curious girl from a village, constantly asked questions about the world around her. One evening, she asked her mother how far the Moon was after hearing a lullaby. The next morning, her brother Pratik excitedly told her that India had landed on the Moon, which he saw on TV.

Curious about the Moon landing, Rani and Pratik visited their friend Vivaan's house, where his mother, Aunt Nandini, a scientist, explained the Chandrayaan mission. She told them that a rocket was used to reach the Moon and that "Chandrayaan" means "Moon vehicle." Rani expressed her dream of going to the Moon one day, to which Aunt Nandini replied that it might be possible.



## New words

Curious: wanting to know or learn something

Far : to a great distance

Fell asleep: Go to sleep

Wake up : to become awake

Elder : older of two members of a family

Excitement: something interesting is happening or will happen

Machines: a piece of equipment with moving parts that is designed to do a particular job.

Agree : to have the same opinion as somebody.

Immediately: at once; without delay

Point : a particular fact, idea or opinion that somebody

expresses : to show something such as a feeling or an opinion by words or actions

Confused: not able to think clearly

Scientist : A person who studies or teaches science

Rockets: a large cylindrical object that moves very fast by forcing out burning gases.

## Exercise

#### Let us think

## A. Answer the following.

## 1. Rani was very curious. How do you know?

Ans. Rani was frequently asking many questions. These questions arise due to curiosity.

## 2. What did Pratik say in excitement?

Ans. Pratik said that "Look Rani, India is on the Moon!"

## 3. Who was Nandini Aunty?

Ans. Nandini Aunty, a scientist, was the mother of Pratik's friend Vivaan.

#### 4. What do the words Chandra and Yaan mean?

Ans. Chandra means the moon Yaan means vehicle.

## 5. Complete the sentence:

Chandrayaan-3 landed on the Moon on 14 July, 2023.

### B. Think and say.

Imagine you are invited by the scientists to spend 10 days on the moon. Make a list of items that you would like to take with you.

- 1. Telescope
- 2. Food
- 3. Water
- 4. Spacesuit
- 5. Medicine

- 6. Camera
- 7. Oxygen
- 8. Binoculars
- 9. Batteries
- 10. Clothes

#### Let us learn

## A. Fill in the blanks using 'a'.

- 1. A dog is barking at the postman.
- 2. My mother gives chapattis to a cow everyday.
- 3. In summers, a sparrow builds its nest on the mango tree near our house.

## B. Fill in the blanks using 'an'.

- 1. I saw an eagle yesterday.
- 2. Maya bought an umbrella for the monsoon.
- 3. An ice-cream man brings his cart in the evenings.

## C. Fill in the blanks using 'a' or 'an'.

- 1. A brown hen laid an egg.
- 2. An eagle sat on a building.
- 3. Mary ate an apricot, a chikoo and an orange.

#### Let us write

## A. Fill in the blanks by forming words using 'sk', 'sw', 'sp', and 'st'.

- 1. There are swings in the park.
- 2. The children throw stones in the river.
- 3. I need a spoon and a bowl for soup.
- 4. Have you heard the story of the boy who cried wolf?
- 5. The blue skirt matched with the pink shirt.

## B. Describing the Moon.

Draw a picture of the Moon. With the help of your teacher, write a few lines about the Moon.

Ans.

The Moon is the natural satellite of the planet Earth. It is a natural object which revolves around the Earth. It is a member of the Solar System family and is the only satellite of our planet. It is the second brightest object we see in the sky after the Sun. The moon is a beautiful satellite that everyone admires for its beauty. The moon has different phases as it moves along its orbit around the earth.



#### Fun with Words

## A. Read these sentences aloud with your teacher.

There are seven days in a week.
Sunday is the first day of the week,
Monday is the second day of the week.
Tuesday is the third day of the week.
Wednesday is the fourth day of the week.
Thursday is the fifth day of the week.
Friday is the sixth day of the week.
Saturday is the seventh day of the week.

B. Look at the words given below. Read them aloud. Find their position in a week using the text given above. One has been done for you.

Sunday first
Monday second
Tuesday third
Wednesday fourth
Thursday fifth
Friday sixth
Saturday seventh

## **SELF ASSESSMENT**

1. I can recite the poems	
• in a group.	
• in pairs.	
<ul> <li>by repeating after my teacher.</li> </ul>	$\checkmark$
• by myself.	
<ul><li>2. I can read the stories</li><li>by myself.</li></ul>	
<ul> <li>with my classmates.</li> </ul>	$\checkmark$
<ul> <li>with the help of my teacher.</li> </ul>	
<ul><li>3. I can write</li><li>by copying from the book or the board.</li></ul>	
• as my teacher speaks.	
<ul> <li>with the help of my classmates.</li> </ul>	
• by myself.	$\checkmark$
<ul><li>4. I can tell the stories that I have read or lister</li><li>by myself (without any help).</li></ul>	ned
• with the help of the teacher.	$\checkmark$
<ul> <li>by using the book.</li> </ul>	
<ul><li>5. I was able to do</li><li>all the exercise questions.</li></ul>	<b>✓</b>
<ul> <li>most of the exercise questions.</li> </ul>	
• a few exercise allestions	