Chapter 12. Chandrayaan

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Let us read

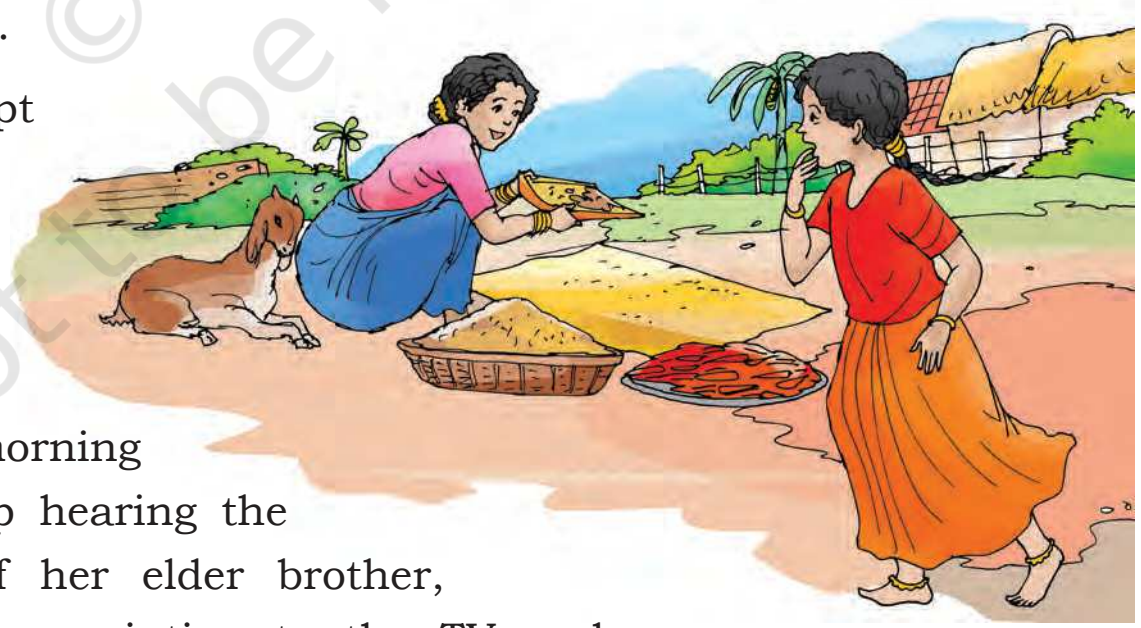


There was a girl named Rani who lived in a village. She was very curious and used to ask many questions to her family, teachers and friends.

"Why is the sky blue?"

"Where does the Sun go at night?"

One evening, Rani heard her mother singing, "*Chanda mama door ke ...*" Hearing this, Rani asked her mother, "Amma, how far is the Moon?" Amma said, "Rani, the Moon is very far in the sky".

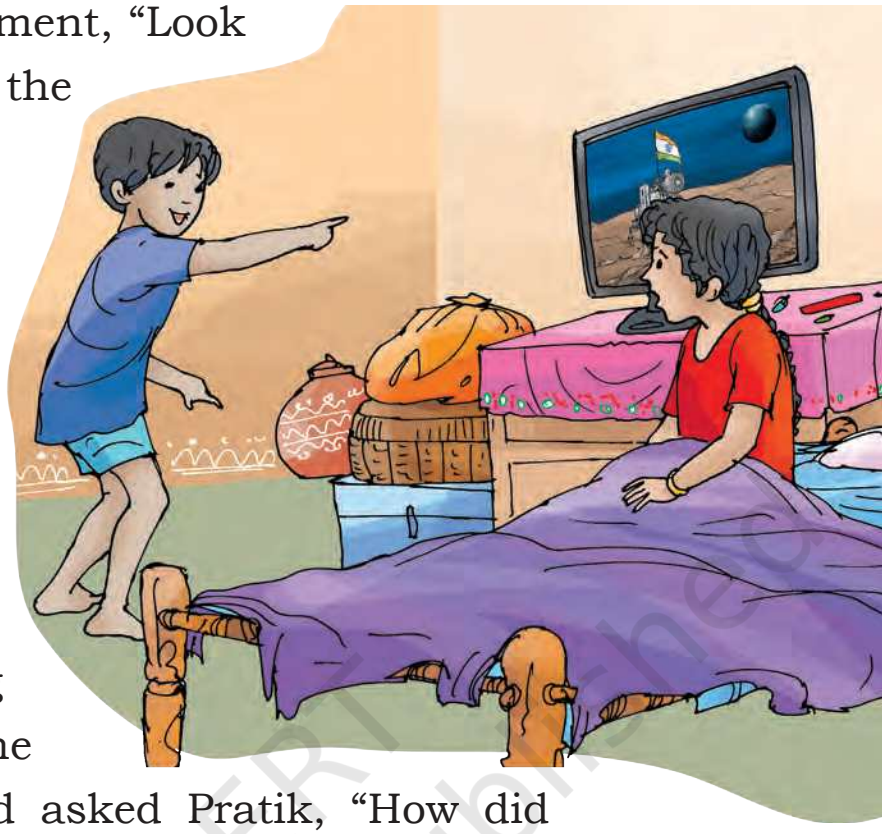


Rani kept on thinking about the moon and fell asleep.

The next morning Rani woke up hearing the loud voice of her elder brother, Pratik. He was pointing to the TV and

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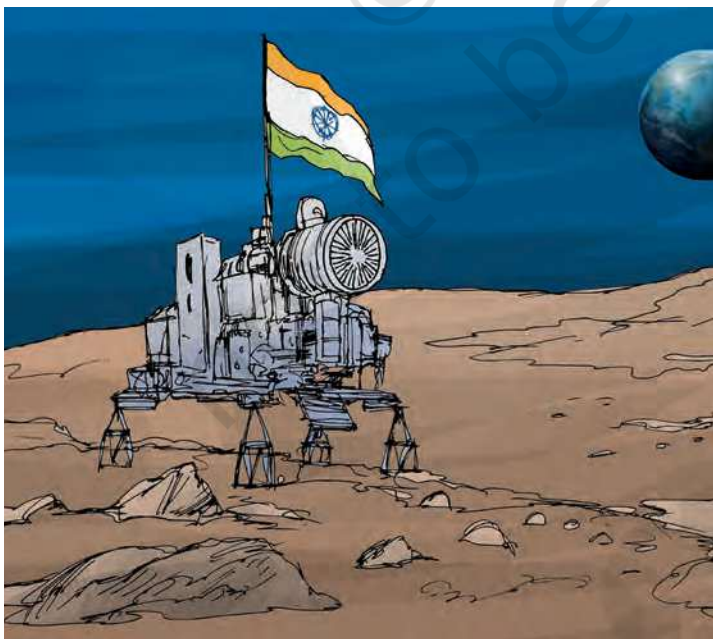
shouting in excitement, “Look Rani, India is on the Moon!”



Rani looked at the TV. She could see photos of some machines on the Moon. She heard a few people talking about the landing on the Moon. She was confused and asked Pratik, “How did Chandrayaan reach the Moon?”

Have you seen pictures of Chandrayaan landing on the moon?





Pratik replied that his friend Vivaan’s mother, Aunt Nandini, is a scientist. “Shall we go and talk to her?” asked Pratik. Rani happily agreed. Both Rani and Pratik decided to visit Vivaan’s house.

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Vivaan and his mother welcomed them. Rani could see many models and photographs of rockets in their house.

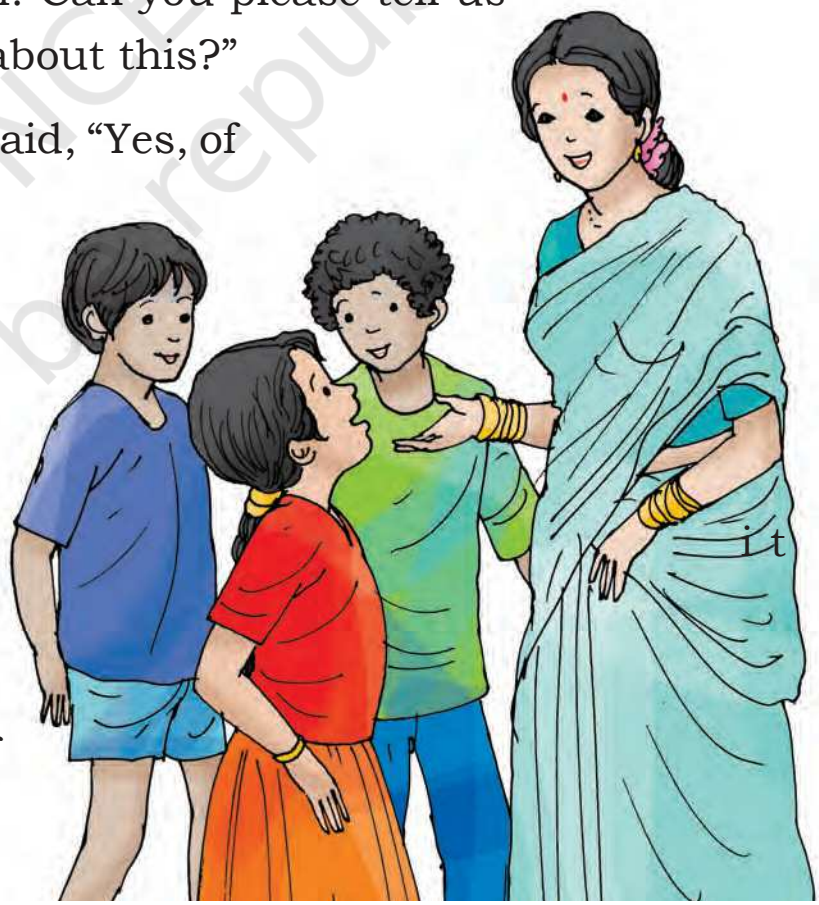




Nandini Aunty offered *sharbat* to the children and said, "Rani, what do you want to know?"

Rani replied, "People say India is on the Moon. Can you please tell us more about this?"

Aunty said, "Yes, of course. Do you know which vehicle is used to go to the Moon?"



Pratik immediately said, "I know Aunty, it is a rocket. I had seen it on the TV".

Rani pointed to the models and photos of rockets in the room.

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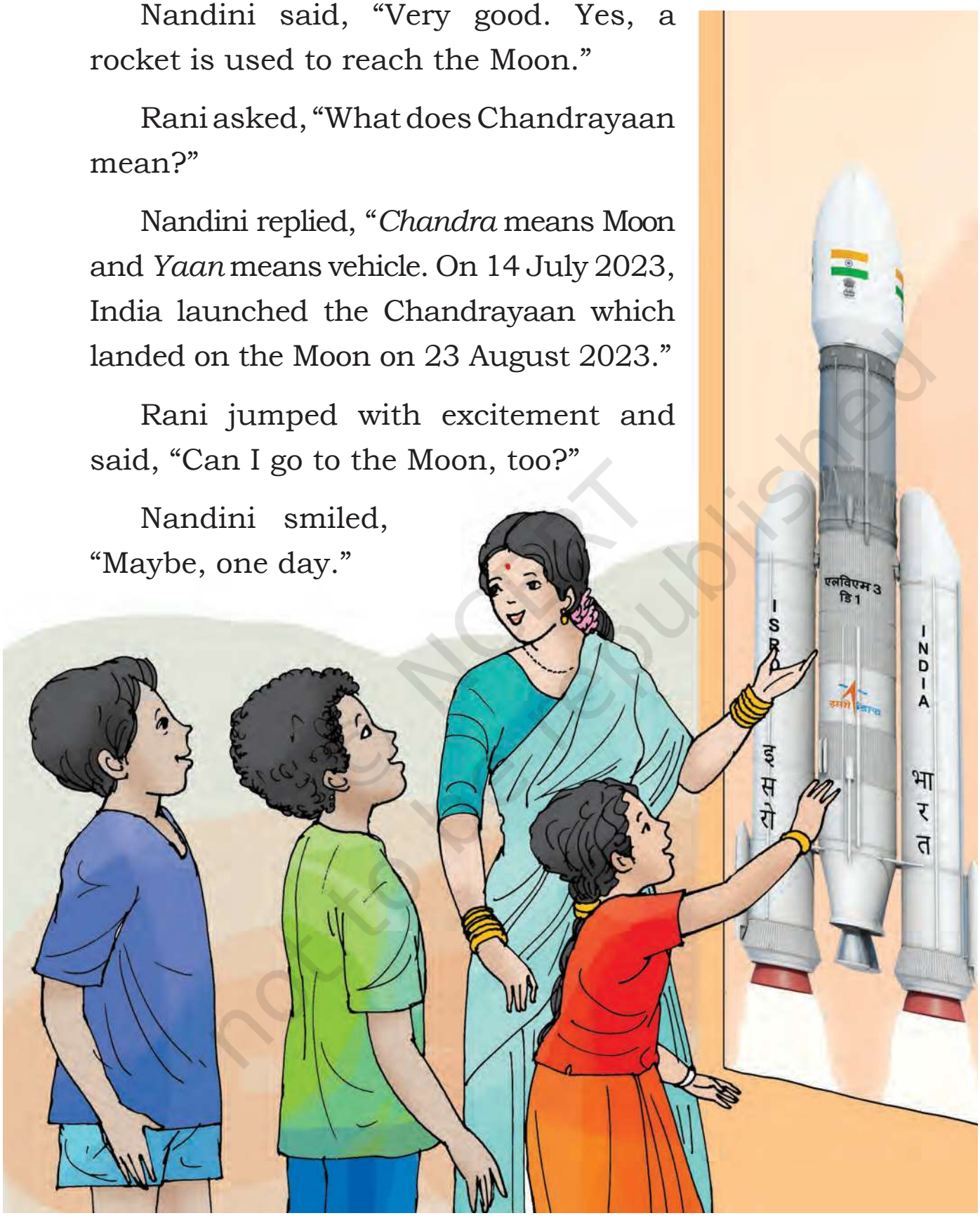
Nandini said, “Very good. Yes, a rocket is used to reach the Moon.”

Rani asked, “What does Chandrayaan mean?”

Nandini replied, “*Chandra* means Moon and *Yaan* means vehicle. On 14 July 2023, India launched the Chandrayaan which landed on the Moon on 23 August 2023.”

Rani jumped with excitement and said, “Can I go to the Moon, too?”

Nandini smiled, “Maybe, one day.”



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New words

curious excitement machines confused
scientist rockets Chandrayaan

Let us think

A. Answer the following.



1. Rani was very curious. How do you know?
2. What did Pratik say in excitement?
3. Who was Nandini Aunty?
4. What do the words *Chandra* and *Yaan* mean?
5. Complete the sentence:

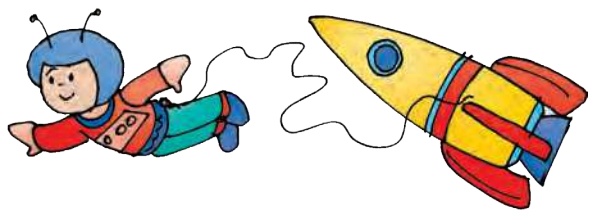
   Chandrayaan-3 landed on the Moon on _____.

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. _____ 2. _____
3. _____ 4. _____
5. _____ 6. _____
7. _____ 8. _____
9. _____ 10. _____





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Let us speak

1. Chandrayaan travelled the distance between the Earth and the Moon. You may ask elders at home about their experiences of travelling to places that are far from home.
2. Have you ever travelled to far-off places yourselves? If yes, share your experience with others.



Let us learn

Read the following lines.

There was **a** girl named Rani who lived in a village.

A hanky for **an** elephant.

Notice that we used 'a' before girl, village and hanky, and 'an' before elephant.

We use '**a**' before singular nouns that begin with consonants. '**An**' is used before singular nouns that begin with vowel sounds (**a, e, i, o, u**).



Note to the teacher
Ensure that the focus is on sound and not on the letters.

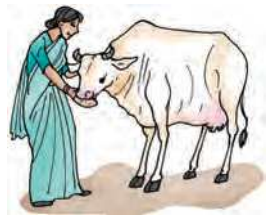
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A. Fill in the blanks using 'a'.



1. _____ dog is barking at the postman.



2. My mother gives *chapattis* to _____ cow everyday.



3. In summers, _____ sparrow builds its nest on the mango tree near our house.

B. Fill in the blanks using 'an'.



1. I saw _____ eagle yesterday.



2. Maya bought _____ umbrella for the monsoon.



3. _____ ice-cream man brings his cart in the evenings.

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



1. _____ brown hen laid _____ egg.



2. _____ eagle sat on _____ building.



3. Mary ate _____ apricot, _____ *chikoo* and _____ orange.

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Let us write

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



1. There are **sw**ings in the park.
2. The children throw _____ones in the river.
3. I need a _____oon and a bowl for soup.
4. Have you heard the _____ory of the boy who cried wolf?
5. The blue _____irt 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.

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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 _____

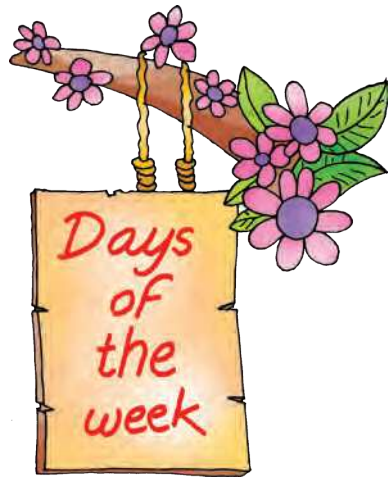
Tuesday _____

Wednesday _____

Thursday _____

Friday _____

Saturday _____



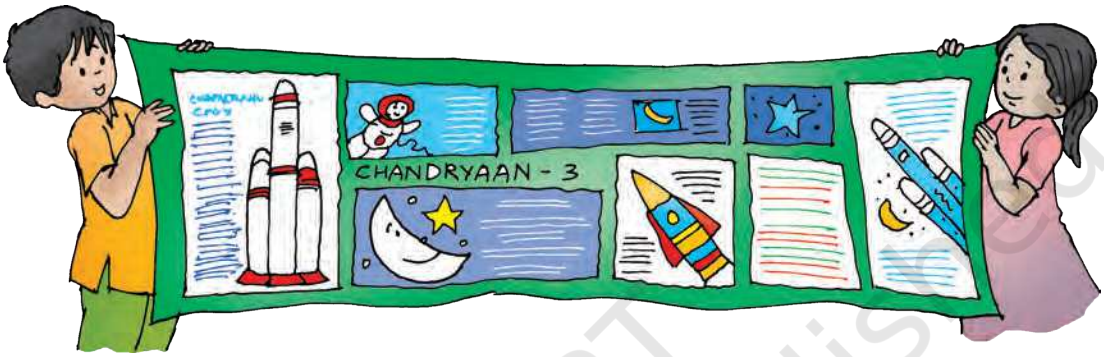
Note to the teacher
Reinforce the link between position and ordinal numbers by using examples from everyday life such as standing first or last in a line, etc.

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Let us do

A. Divide yourselves into small groups. Each group shall collect newspaper or magazine clippings related to the Chandrayaan-3 mission. Paste it on a chart paper and display it in your class.



Let us explore

A. Do you know a song or a story about the moon in your mother tongue? If not, ask your family members and share it in the class.



Note to the teacher

Encourage students to share stories with others.
Introduce the English counterparts of the words as and when possible.

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SELF ASSESSMENT

1. I can recite the poems

- in a group. ☐
- in pairs. ☐
- by repeating after my teacher. ☐
- by myself. ☐

2. I can read the stories

- by myself. ☐
- with my classmates. ☐
- with the help of my teacher. ☐



3. I can write

- by copying from the book or the board. ☐
- as my teacher speaks. ☐
- with the help of my classmates. ☐
- by myself. ☐

4. I can tell the stories that I have read or listened

- by myself (without any help). ☐
- with the help of the teacher. ☐
- by using the book. ☐

5. I was able to do

- all the exercise questions. ☐
- most of the exercise questions. ☐
- a few exercise questions. ☐

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Note to the teacher
The assessment sheet can be filled by the student under the guidance of parents and teachers.

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