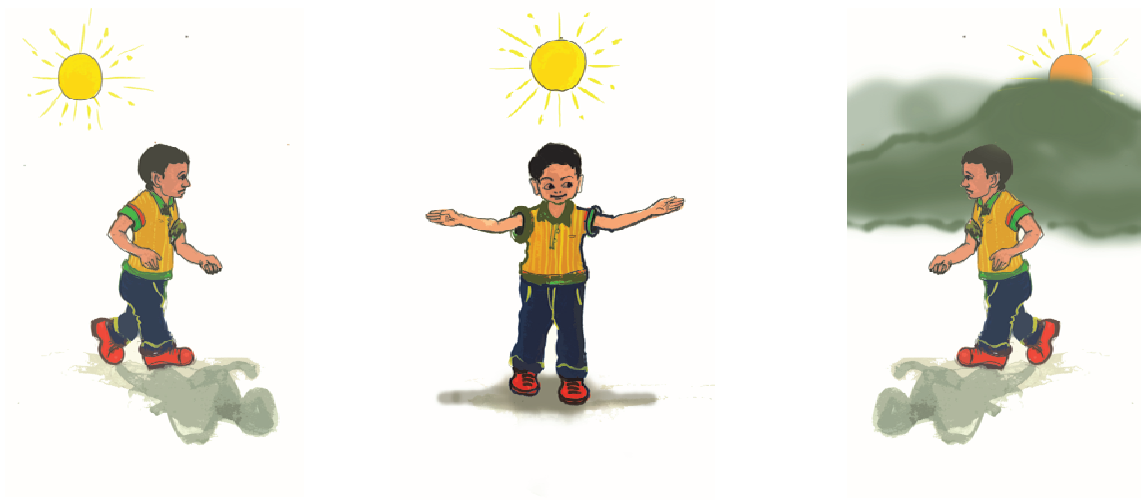


Chapter - 12

COME LET'S SEE THE SUN, MOON & THE EARTH

We can see the sun over our head in the afternoon. We can see it near the horizon in the morning. The same way it can be seen on the opposite side in the evening.



For a few days watch the Sun in the morning, afternoon and evening. Find out the direction of the sun in the morning. Is it behind your house? Or is it in front of your house? Is it on the right side of the house or is it on the left side of the house? Observe it for 7 days continuously and complete the table-

Morning Time

Day	In front of the house	Behind the house	On the left Side of the house	Right Side of the house
First				
Second				
Third				
Fourth				
Fifth				
Sixth				
Seventh				

Have you seen the Sun everyday on the same side of your house every morning? Or have you seen it sometimes on the right & sometimes on the left side of your house.

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On which side of your house did you see the Sun in the evening? Fill in the table given below-

Evening Time

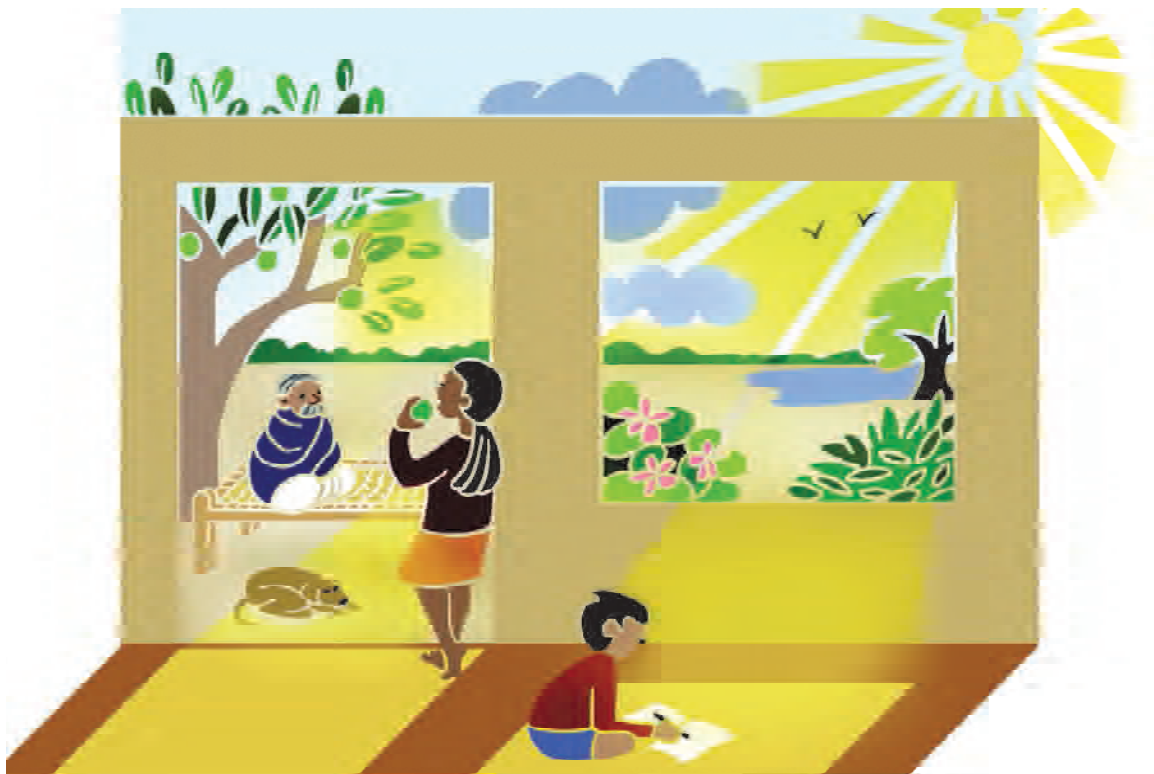
Day	In front of the house	Behind the house	On the left Side of the house	Right Side of the house
First				
Second				
Third				
Fourth				
Fifth				
Sixth				
Seventh				

Every evening, was the Sun on the same side of the house? Or have you seen it on the right or the left side of the house? Everyday we see the sun rising in the east and setting in the west. We feel, that the Sun moves from the east in the morning and in the evening it sets in the west.

Often everyone says “Life is not possible without the Sun” can you tell, why is it so? Find out, discuss and write how is the sun important/necessary for our life.



The plants- trees, animals, birds around us can't live without the sun. That is why sun is very important for our life.



What do we get from the Sun?

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About the Moon

The moon shines at night in the sky. Everybody likes its light and beauty. The full moon attracts everyone. It is frequently mentioned in the poems & lullabys. You must have seen the moon several times. Does the moon always have the same shape?

Observe the moon for 7 days. Observe the difference in the shape of the moon everyday & sketch it accordingly-



No. of Days	Shapes of the Moon
First	
Second	
Third	
Fourth	
Fifth	
Sixth	
Seventh	

Discuss with your teacher, the changing shapes of the Moon.

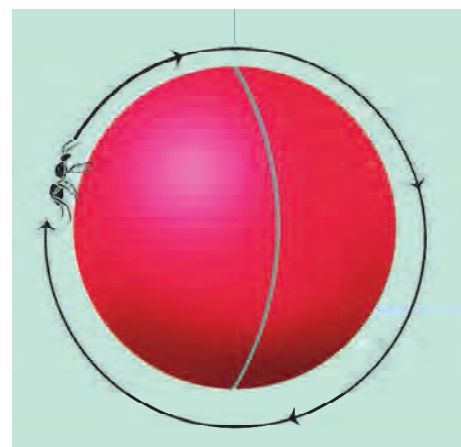


Shape of the sun, the moon and the earth-

Actually the sun is much bigger than the moon. For example if the sun is a football then the moon is the head point of the Alpin. Secondly, they both are round like a ball. But when we look up in the sky we see only their front sides.

Have you ever thought about the shape of our earth? Is it a big ground which has everything-

The Earth seems to be a big ground which has no end. It has rivers, ponds, mountains, lakes etc. But is it right? If it is a ground then it must have an end? Long time back people believed that the earth was flat. Do you also think so? There are some stories related to the horizon of the earth. Then slowly it dawned in the minds of the people that the earth is round. How it was understood is a different story. Now we have pictures of the space & the earth, taken through cameras which prove that the earth is round.



The Earth is big and round. From the earth we can't see the round shape of the earth. Some things can be said about the shape of the earth. They are- If a man starts walking straight in the direction of the nose then he would ultimately reach the same point from where he had started. It is not so simple. While walking straight you might come across many rivers, mountains, valleys etc. But if anyone dares to do so then he would experience this only.

Eg., If an ant is left on the ball hanging down it will walk in a straight direction and would reach, the same point from where it had started walking. If possible try it in your class.



What have we learnt?



To be taken up orally

1. How does the shape & colour of the sun appear at the time of sunset.
2. When is the full moon day?



Written task

1. Why does the sun appear small to us?
2. What is the shape of the earth?



Fill in the blanks -

1. We get and from the sun.
2. We don't see one shape of the every time.
3. Earth is smaller than the but is bigger than the
4. We see the sun rising in theand setting in the



Let's look around

Make a picture of the rising sun from behind the mountain & river and colour it.

