

1 Things Around us

Activity

1. List out the living and non-living things from the above picture.

Living things

bird	dog	aeroplane
elephant		fishes
duck	frog	chair
rat	cat	television
snake		
trees		kettle
boy		book

Non-living things

bat	
hill	ball
table	
pen	
kite	chocolate
radio	
cloud	

2. List out the living and non-living things from this word search.

P	E	N	P	L	A	N	T
A	G	I	R	A	F	F	E
R	G	O	A	T	H	E	N
R	A	D	I	O	B	E	E
O	X	S	C	A	L	E	T
T	Y	R	E	M	A	T	K

Non-living things: Pen, Egg, Net, Mat, Scale, Radio, Tyre.

Living things: Plant, Giraffe, Goat, Bee, Ox, Parrot, Hen.

Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. A 2. C 3. B 4. C 5. C

2. Fill in the blanks.

1. natural 2. Non-living 3. stomata 4. die 5. gills

3. Match the following.

- | | |
|-----------------|---------|
| 1. Horses | babies |
| 2. Dogs | kittens |
| 3. Human beings | colts |
| 4. Cats | chicks |
| 5. Hens | puppies |

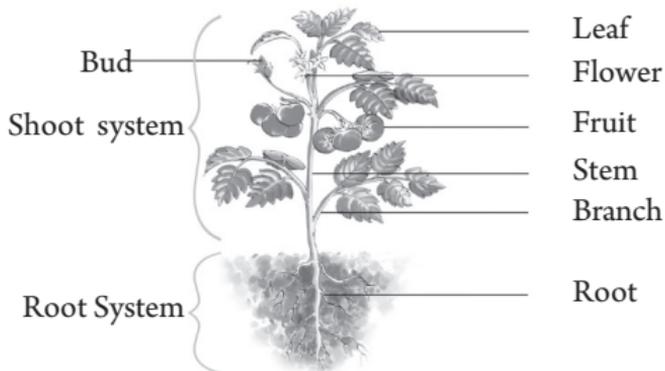
4. Answer the following questions.

1. Chair, table, car, television and aeroplane.
2. Air, water and mountains.
3. Living things can move, eat, drink, grow, breathe, feel and reproduce.
4. Plants absorb water and minerals through their roots from the soil and produce their food in the presence of sunlight.
5. Plants breathe through the holes present in their leaves called stomata.

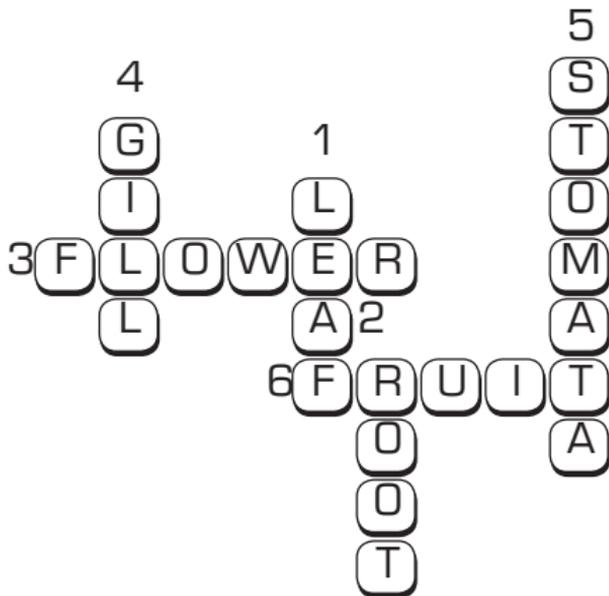
2 Plants Differ from Animals

Activity :

1. Label the picture.



2. Complete the crossword puzzle with the help of the clues given.



Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. B 2. C 3. B 4. A 5. A

2. Fill in the blanks.

1. stem 2. fruits 3. Animals 4. stomata 5. sunlight

3. Match the following

- | | |
|----------------|------------------------------|
| 1. Stomata | absorb water from soil |
| 2. Roots | absorb energy from sunlight |
| 3. Flowers | tiny pores present in leaves |
| 4. Leaves | produce fruits |
| 5. Chlorophyll | food factories of plants |

4. Write (T) for True statements and (F) for False statements.

1. T 2. F 3. T 4. F 5. F

5. Answer the following questions.

- Leaves prepare food with the help of water, air and sunlight through a process called photosynthesis. So leaves are known as food factories of a plant.
- Roots hold plants firmly in the soil.
- The process of preparing food with the help of water, air and sunlight by the green leaves is called photosynthesis.
- The function of stomata is to help plants breathe.

Animals	Plants
1. Animals can move from place to place.	1. Plants cannot move from place to place.
2. Animals cannot make their own food.	2. Plants can make their own food.
3. Animals breathe through lungs or air tubes or gills.	3. Plants breathe through stomata.

3 Food Habits of Animals

Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. B 2. C 3. B 4. C 5. Crow 6. B

2. Fill in the blanks.

1. swallows 2. web 3. carnivores 4. proboscis 5. cow 6. rodents

3. On the basis of food habits circle the animal that does not belong to the group.

1. wolf 2. leech 3. vulture 4. dog 5. butterfly

4. Match the following.

- | | |
|--------------|--|
| 1. Tiger | sucks the nectar of flowers |
| 2. Cow | traps the insects |
| 3. Snake | chews the cud |
| 4. Spider | tears off the flesh, chew and then swallow |
| 5. Butterfly | swallows its prey without chewing |

5. Answer the following questions.

1. Sharp, flat front teeth are found in plant-eating animals.
2. The process of bringing back the swallowed food into the mouth from the stomach and chewing it is known as cudchewing.

(Or)

Animals like cows, buffaloes and horses first bite the grass with their front teeth and swallow it quickly. Later they bring back the swallowed food into their mouth from the stomach and chew it well with the help of their strong back teeth. This is known as cudchewing.

3. The animals which gnaw their food are called rodents. Squirrel and rabbit are the examples of rodents.

- Animals that eat both plants and flesh of the other animals are called omnivores. Bear and crow are the examples of omnivores.
- Plant-eating animals have sharp, flat front teeth to bite off plants and back grinding teeth to chew the cud.
Flesh-eating animals have long, pointed and curved teeth to tear the flesh and strong grinding back teeth to chew the flesh and crush the bones.
- An elephant uses its trunk for feeding, lifting things, drinking and spraying water.

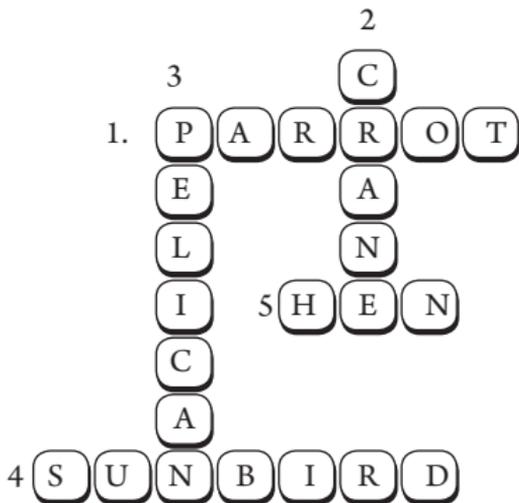
4 Birds-Beaks and Claws

Activity:

- Colour the following picture and label it.

Sparrow

- Complete the crossword puzzle with the help of the clues.



Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. A 2. C 3. A 4. A 5. C

2. Fill in the blanks.

1. perching 2. boat 3. talon 4. webbed

3. Match the following.

- | | |
|-----------------|--------------------------|
| 1. Humming bird | broad and flat |
| 2. Sparrow | hooked |
| 3. Parrot | strong, sharp and hooked |
| 4. Hawk | long, thin and pointed |
| 5. Duck | small, hard and pointed |

4. Give two examples for each of the following.

- | | |
|---------------|------------|
| 1. a) Kiwi | b) Penguin |
| 2. a) Vulture | b) Eagle |
| 3. a) Crow | b) Sparrow |
| 4. a) Duck | b) Pelican |
| 5. a) Crane | b) Heron |

5. Answer the following questions.

1. Boat shaped body and light weight make it possible for a bird to fly.
2. Down feathers and flight feathers.
3. The tail helps the bird to fly.
4. Talons are claws of a bird of prey.
5. Head, trunk, wings and legs are the main body parts of a bird.

5 Birds and their Nests

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. C 2. A 3. B 4. C 5. B

2. Fill in the blanks.

1. cuckoo 2. sews 3. hornbill 4. pigeon 5. penguin

3. Match the following.

- | | |
|-----------------|-----------------------|
| 1. Vulture bird | hollow of a tree |
| 2. Cuckoo | use stones |
| 3. Owl | top of a tree |
| 4. Weaver bird | does not build a nest |
| 5. Penguins | hangs from a tree |

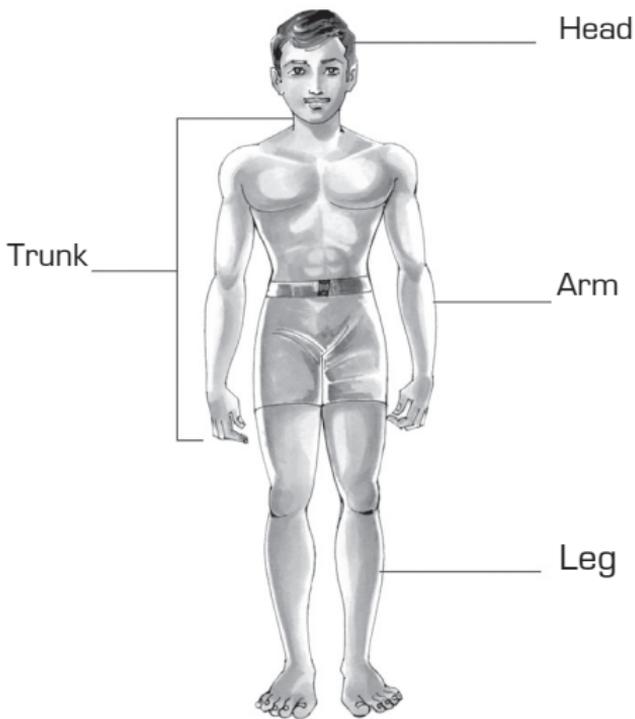
4. Answer the following questions.

1. Birds build their nests to protect their eggs.
2. Birds use twigs, grass, leaves, stones and pebbles to build their nests.
3. A tailor bird uses leaves, wool, cotton, hair etc., to make its nest.
4. A woodpecker makes a hole in the trench of a tree with its beak and builds its nest there.
5. Birds look after their babies well. They feed them, keep them warm and protect them till they have learnt to look after themselves.

6 Our Body - A Wonderful Living Machine

Activity

1. Label the parts of the body.



2. Complete the crossword puzzle with the help of the clues given.

1. Ear

2. Nose

3. Tongue

4. Skin

5. Eye

3. Match the following.

1.		a) Respiratory system
2.		b) Circulatory system
3.		c) Excretory system
4.		d) Digestive system
5.		e) Nervous system

Exercise

1. Choose the correct answer and write the answer in the boxes.

1. A 2. Respiratory 3. C 4. A 5. C

2. Fill in the blanks.

1. Heart 2. Kidneys 3. Brain 4. Sense 5. Muscles

3. Put a tick mark (✓) against the odd item.

1. toe 2. walk 3. hard 4. kidneys 5. lungs

4. Answer the following questions.

1. Eyes, ears, nose, skin and tongue are the sense organs of our body.

- Respiratory system, circulatory system, excretory system, digestive system and nervous system are the different systems present in our body.
- The circulatory system carries blood to all parts of the body.
- The excretory system throws out the waste matter from the body.
- The function of the brain is to control all the other organs.
- The skeleton gives shape to our body.

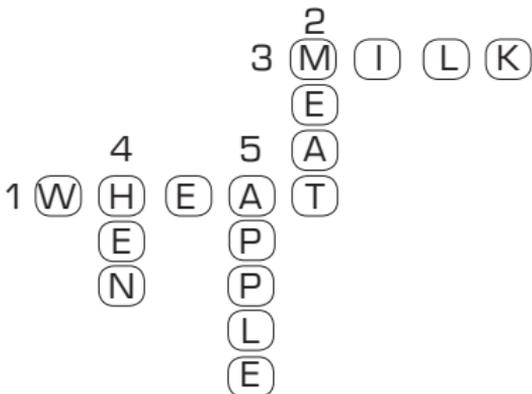
7 Our Food

Activity

1. Colour only protective foods. Try to name them.

- | | |
|-----------------|-------------|
| 1. Bottle gourd | 6. Cabbage |
| 2. Spinach | 7. Chillies |
| 3. Tomatoes | 8. Onions |
| 4. Brinjals | 9. Carrots |
| 5. Bitter gourd | |

2. Complete the crossword puzzle with the help of the clues given.



Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. B 2. C 3. C 4. C 5. A

2. Fill in the blanks.

1. tasty 2. rotten 3. hands 4. carbohydrates 5. body building

3. Match the following.

- | | |
|-------------|--------------------|
| 1. Proteins | more energy |
| 2. Wheat | body builders |
| 3. Fats | cereal |
| 4. Vitamins | helps in digestion |
| 5. Water | protective foods |

4. Write (T) for True statements and (F) for False statements.

1. T 2. F 3. F 4. T 5. F

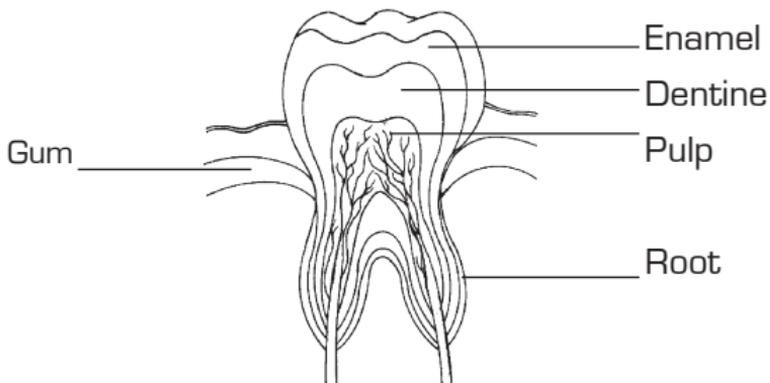
5. Answer the following questions.

1. We need food to live.
2. Milk is called the 'complete food' because it contains carbohydrates, proteins, fats, minerals and vitamins.
3. Cooking is necessary - to improve the taste.
 - to digest easily.
 - to kill the germs in the food.
4. Proteins help us in growth and development.
5. Vegetables and fruits are rich in minerals and vitamins.
So, they are called protective foods.

8 Care of the Teeth

Activity

1. Colour and label the parts in the following picture.



2. Complete the table.

Name of the tooth	Function	Pictures of the tooth
1. Cutting tooth	Cutting the food	
2. Tearing tooth	Tearing the food	
3. Grinding teeth	Crushing the food	

Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. C 2. A 3. C 4. A 5. C

2. Fill in the blanks.

1. incisors 2. canines 3. molars 4. thirty two 5. gums

3. Write (T) for True statements and (F) for False statements.

1. T 2. T 3. F 4. F 5. T

4. Match the following.

- | | |
|---------------|-----------------|
| 1. Incisors | grinding teeth |
| 2. Canines | cutting teeth |
| 3. Molars | temporary teeth |
| 4. Milk teeth | tearing teeth |

5. Answer the following questions.

1. A child's first teeth are called milk teeth.
2. Teeth help us to chew food. They give proper form and shape to our face. They also help us to speak properly.
3. Cutting teeth (Incisors), tearing teeth (Canines) and grinding teeth (Molars) are the different kinds of teeth.
4. We can keep our teeth healthy by proper brushing of the teeth.

9 Surroundings and Cleanliness

Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. B 2. B 3. A 4. C 5. B

2. Fill in the blanks.

1. mosquitoes 2. garden 3. Malaria 4. spit 5. sanitary latrine

3. Write (T) for True statements and (F) for False statements.

1. T 2. F 3. F 4. T 5. F

4. Match the following.

- | | |
|----------------|---------------------------|
| 1. Diarrhoea | godliness |
| 2. Flies | must be dusted |
| 3. Cleanliness | hinders children's growth |
| 4. Cobwebs | spread malaria |
| 5. Mosquitoes | uncovered food |

5. Answer the following questions.

1. If children get diarrhoea frequently, they become weak and their growth is hindered.
2. We should cover the stools with sand or mud after defecation to prevent the spread of germs.
3. After defecation, we should wash our hands, fingers and feet with soap and clean water.
4. Garbage should be disposed of by making compost pits.
5. If the garbage is not disposed of properly, it decays and leads to diseases like diarrhoea, cholera and typhoid.

10 Water – A Wonderful Liquid

Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. C 2. A 3. B 4. C 5. C

2. Fill in the blanks.

1. soluble 2. Water 3. dissolve 4. evaporation 5. three

3. Write (T) for True statements and (F) for False statements.

1. T 2. F 3. F 4. T 5. T

4. Match the following.

- | | |
|---|--------------------|
| 1. Water | insoluble in water |
| 2. Salt | universal solvent |
| 3. Sand | solution |
| 4. Sugar dissolves in water to form | heating |
| 5. Solubility of a solid increases with | soluble in water |

5. Answer the following questions.

1. A liquid that contains a substance dissolved in it is called a solution.
2. The liquid in which the solute is dissolved is called a solvent.
3. The solid material that dissolves in the liquid is called a solute.

4. Many substances dissolve in water. So water is called the 'Universal solvent'.
5. Sugar, salt, sugar candy and ice.
6. Chalk, sand, coal and flour.
7. The separation of a solid which is insoluble in water is called filtration.
8. The mixture of flour and sugar is separated by the method of filtration.
9. The substance trapped in the filter paper during filtration is called residue.

11 Weather and Seasons

Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. B 2. C 3. A 4. B 5. A

2. Fill in the blanks:

1. hails 2. chilly 3. Woollen 4. weather 5. revolution

3. Write (T) for True statements and (F) for False statements.

1. T 2. F 3. F 4. T 5. F

4. Answer the following questions.

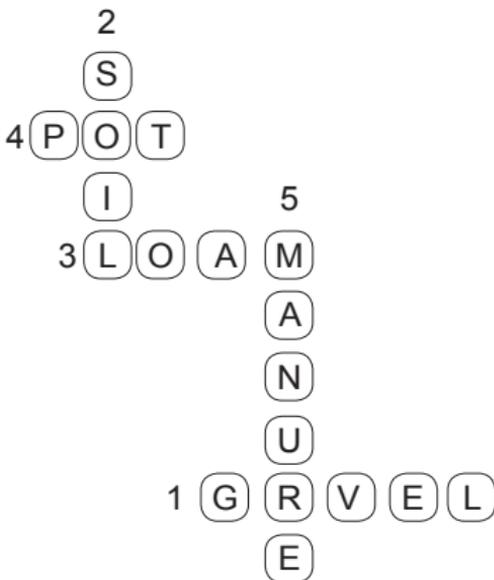
1. There are three seasons in India.
2. Weather depends upon the sun, wind, clouds and rain.
3. Winter season is followed by summer.

- We wear light cotton clothes during the summer season.
- Ice-creams, cold drinks, tender coconut water and watermelon.

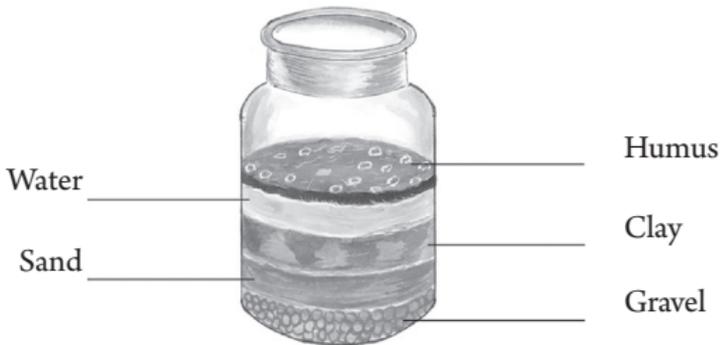
12 Soil

Activity

Complete the crossword puzzle with the help of the clues given.



Label the parts in following picture.



Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. C 2. B 3. C 4. B 5. B

2. Fill in the blanks.

1. organic matter 2. minerals 3. loamy 4. four 5. clay

3. Write (T) for True statements and (F) for False statements.

1. T 2. T 3. F 4. T 5. T

4. Match the following.

- | | |
|--------------------|-----------------------------|
| 1. Clay | earthworm |
| 2. Humus | mixture of clay and sand |
| 3. Loam | heavy soil |
| 4. Gravel | dry leaves and dead animals |
| 5. Farmer's friend | laying roads |

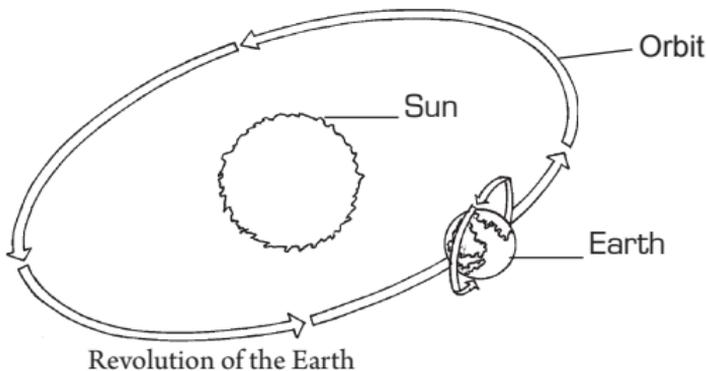
5. Answer the following questions.

1. Soil is formed by the breaking up of rocks.
2. Soil is made up of tiny pieces of eroded rock mixed with dead plants and animals.
3. Humus is an organic material formed by the decay of dead plants and animals.
4. Farmers add manure to the soil to make it fertile.
5. Loamy soil is the best soil for growing plants.
6. Layers of soil are called horizons.
7. Clayey soil contains nutrients.
8. The earthworm is called farmer's friend.

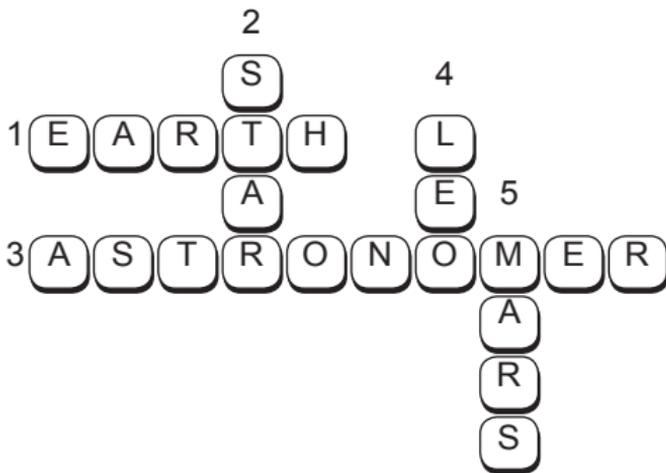
13 The Earth and its Neighbours

Activity

1. Name it and name the different bodies in the picture.



2. Complete the crossword puzzle with the help of the clues given.



Exercise

1. Choose the correct answer and write the letter of the correct answer in the boxes.

1. B 2. A 3. A 4. C 5. B

2. Fill in the blanks.

1. earth 2. axis 3. satellite 4. atmosphere
 5. day and night 6. the west 7. seasons
 8. star 9. globe 10. constellations

3. Write (T) for True statements and (F) for False statements.

1. F 2. F 3. T 4. F 5. T

4. Match the following.

- | | |
|------------------|-----------------------------|
| 1. Constellation | rotation of the earth |
| 2. Satellite | revolution of the earth |
| 3. Day and night | group of stars |
| 4. Seasons | supports life and has water |
| 5. Earth | orbiting round a planet |

5. Answer the following questions.

1. The earth's surface is made up of hot deserts, rain forests and freezing cold north and south poles, mountains, seas and lakes.
2. The rotation of the earth causes day and night.
3. We see a full moon on Full Moon Day (Poornima).
4. A constellation is a group of stars.
5. Scorpion and Great bear.
6. Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and Pluto.
7. The stars look smaller than the sun and the moon because they are far away from the earth than the sun and the moon.