



# ACADEMIC WORLD SCHOOL™ BEMETARA

## SUMMER ASSIGNMENT Subject- Social Studies

**Class-III**

### General Instructions:-

- Answer all the questions as instructed.
- Write in clean and neat hand writing.
- Draw the diagram where ever necessary.
- Refer cam scan pages of the text book.

**Unit 1: Our Planet Earth**

## Earth: Our Home

**On Your Marks...**

**Read and answer.**

Anna accidentally locks herself inside the car. Her parents are not around.



She starts feeling sick.



She is scared and cries for help.



Anna's parents rush back to the car and help her get out of it.



Anna takes a deep breath. She feels better now.



**I Shall Learn**

- Earth as the planet of life
- What makes up the Earth?
- Movements of the Earth

Why did Anna feel sick in the locked car?

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## Earth – The Planet of Life

The Earth is known as the planet of life. It is blessed with natural resources like land, water and air that support life on Earth.



We need land to live and grow food. We use water for drinking and other purposes. The Earth is surrounded by a layer of air called atmosphere. We need air to breathe. All these things make life possible on Earth. Hence, the Earth is known to be the only planet that supports life.

### Think about it!

Anna felt suffocated in the locked car because there was no air.



## What Makes Up the Earth?

Our Earth is one of the eight planets that move around the Sun. The Earth gets all the warmth and natural light from the Sun. The Earth's surface is made up of land, water and the air is all around it.



Three-fourth of the Earth's surface is covered with water.

One-fourth of it is covered with land.

Since most of the Earth's surface is covered with water, it is also known as the blue planet.

You know what ?  
The word planet literally means wanderer.

The atmosphere that surrounds the Earth is a mixture of gases. One of these gases is oxygen. Oxygen is the air gas that we breathe in.

## Movements of the Earth

The Earth never stands still. It keeps moving all the time. The two main movements of the Earth are rotation and revolution.

### Rotation



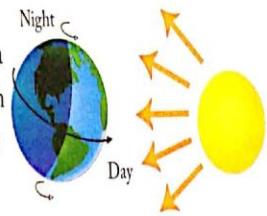
The Earth spins like a top about an imaginary line called axis. The spinning movement of the Earth is known as rotation.

Think about it!  
The Earth keeps moving all the time. Why do we never feel this?



### Rotation causes day and night

The Earth takes 24 hours to complete one rotation on its axis. When the Earth rotates, a part of it faces the Sun. This part of the Earth that receives sunlight has day. The part of the Earth that is away from the Sun receives no light. It has night. Thus, the rotation of the Earth causes day and night.



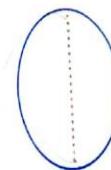
### Activity

I Analyse

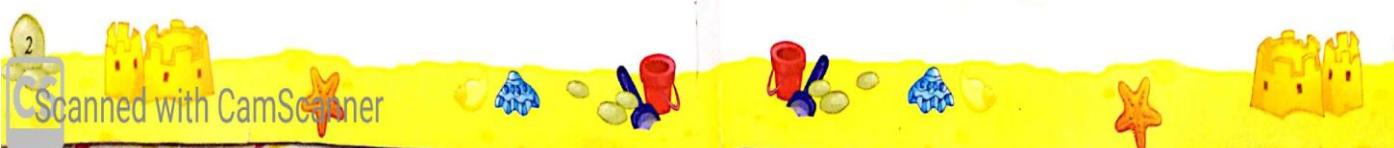
Colour the part of the Earth that has day in yellow and the part that has day in black.



Sun



Earth



## Revolution

While rotating, the Earth also goes around the Sun at the same time. This movement of the Earth around the Sun is known as revolution. Like other planets, the Earth revolves around the Sun in a fixed path. This path is called its orbit. The Earth takes 365 days and 6 hours or  $365 \frac{1}{4}$  days to complete one revolution.

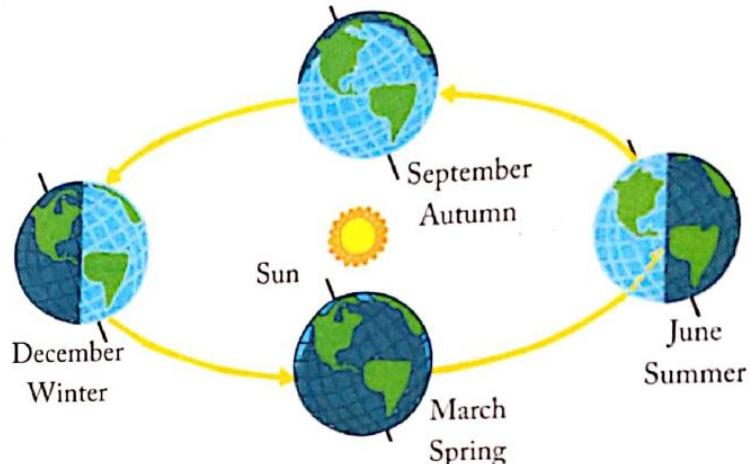
**Think about it!**

What would happen if there were two Suns, one on either side of the Earth?



## Revolution causes seasons

The Earth takes almost one year to go around the Sun once. When the Earth moves, the part of the Earth that receives the direct heat of the Sun has summer. The other part which does not receive the direct heat of the Sun has winter.



### I Learnt

The Earth is a planet of life.

The Earth's surface is made up of land, water and the air is all around it.

The main movements of the Earth are rotation and revolution.

Rotation causes day and night.

Revolution causes seasons.



I Understand



I Need Help



### **Q.1 Fill in the blanks:-**

- i. The Earth is known to be the planet of \_\_\_\_\_.
- ii. \_\_\_\_\_ of the Earth has water.
- iii. \_\_\_\_\_ is the air we breathe.
- iv. \_\_\_\_\_ are the things that we use to fulfill our needs.
- v. The layer of air that surrounds the Earth is called \_\_\_\_\_.
- vi. \_\_\_\_\_ causes day and night.

### **Q.2 Match the following:-**

- i. What causes day and night?  
a) Revolution      b) Rotation      c) Atmosphere      d) None
- ii. The Earth spins about an imaginary line called:  
a) Axis      b) Orbit      c) Stick      d) Top
- iii. The Earth is also known as the  
a) Red planet      b) Brown planet      c) Blue planet      d) Green planet
- iv. The Earth revolves around the sun in a fixed path called:  
a) Axis      b) Orbit      c) Stick      d) Top
- v. How long does the Earth take to complete one rotation?  
a)  $365^{1/4}$  Days      b) 24 hours      c) 2 days      d) 365 days
- vi. The air we breathe is \_\_\_\_\_  
a. Nitrogen      b) oxygen      c) Carbon dioxide      d) None of these

### **Q.3 Match the following:-**

- |                 |                     |
|-----------------|---------------------|
| i. One rotation | a. Fixed path       |
| ii. Orbit       | b. $365^{1/4}$ days |
| iii. Earth      | c. Causes season    |
| iv. Revolution  | d. Blue planet      |

### **Q.4 Answer the following in one word:-**

- i. The spinning movement of the Earth \_\_\_\_\_.
- ii. It causes season \_\_\_\_\_.
- iii. It causes day and night \_\_\_\_\_.
- iv. The air we breathe \_\_\_\_\_.

### **Q.5 Write 'T' for true and 'F' for false:-**

- i. The Earth is known to be the planet of no life.
- ii. Atmosphere is the layer of air that surrounds the Earth.
- iii. The oxygen is the gas we breathe.
- iv. The Earth is one of the eight planets that move around the Sun.

### **Q.6 Answer the followings in very short (one sentence):-**

- i. What are the two important movements of the Earth?
- ii. What makes up the Earth?
- iii. Name the three natural resources on Earth.
- iv. Write the definition of orbit.

## Q.7 Answer the followings in detail (Three to four sentence):-

- i. How does the rotation of the Earth causes day and night? Explain it with suitable diagram.
- ii. What makes the Earth a special planet?
- iii. Why Earth is known as the “Blue Planet”

### Looking at the Earth

**On Your Marks...**

Take an orange. Peel it off and look at it carefully. Do not throw away the skin.



Now, answer the following questions.

1. What is the shape of the orange?
2. How does it look at the top and the bottom?
3. How does it look in the middle?

**I Shall Learn**

- Shape of the Earth
- Tools to study the Earth
- Water bodies and landforms on the Earth

About 500 years ago, there was a Portuguese sailor named Ferdinand Magellan.

He started on a long journey from Spain and kept sailing for days.

The voyage was long and dangerous. After many years, his ship reached the same place from where it had started without falling off the edge.



Magellan's journey proved that the Earth was round. Later, astronauts started going to space and confirmed that the Earth is round.

**Look Up**

Voyage: a long journey  
Model: usually a small copy of something

**Tools to Study the Earth**

**Globe**

The Earth is huge in size. We need a model of the Earth to study it. A globe is a small round model of the Earth. A globe tells us how the oceans, countries and continents are placed on the Earth's surface. But it has some disadvantages.

- We can only see half of the Earth at a time on a globe. We need to rotate the globe to see the other half.
- It is not possible to study the places on the globe in detail because of its small size.
- It is difficult to carry a globe from one place to another.
- To solve these problems, maps were designed.

### Activity

I Explore

HOTS

Look at a globe and find out the answers to the following questions.

A. Look at the countries on the opposite side of India. Name any two.

1. \_\_\_\_\_ 2. \_\_\_\_\_

B. It is day time in India now. What would be the time in a country that lies opposite to India on the globe?

\_\_\_\_\_

C. When it is night time in Delhi, will it be day time in Mumbai?

Yes  No

Hint:  
Rotation

### Map

A map is a drawing of the Earth on a flat surface or paper. Unlike a globe, we can see the entire Earth with all the land and water bodies at one glance on a map. A map helps us study different landforms and water bodies on the Earth's surface more closely. We can fold or roll a map and carry it easily. There are very large maps called wall maps. We hang these maps on the walls. There is a special book of maps called atlases.

You know what  
Cartographers are people who make maps.

Value Tip!

Always carry a map of the city or country you are travelling to for the first time.

### Looking at the Earth

When the astronauts travelled to space and looked at the Earth from there, they saw a big blue ball with green and brown spots. The land appears in green and brown colour while the water in blue. The large areas of land are continents and water bodies are oceans.

You know what  
Yuri Gagarin was the first astronaut to travel into space.

10

11

### Oceans

Oceans are large bodies of water on the Earth. They have salty water. The Pacific Ocean, Atlantic Ocean, Indian Ocean, Arctic Ocean and Antarctic Ocean are the five oceans on the Earth.

The Pacific Ocean is the deepest and the largest ocean in the world.

#### Think about it!

Take a look at the peeled off skin of the orange and the map simultaneously. Can you draw any similarities between the two?



Oceans and Continents of the World

### Continents

The large areas of land on the Earth's surface are called continents. The land in each continent is available in different forms called landforms.

Asia, Africa, North America, South America, Antarctica, Europe, and Australia are the seven continents. Asia is the biggest and Australia is the smallest continent in the world.

I Learnt

I Understand  I Need Help

The Earth is spherical in shape and slightly flat at the top and bottom.

Globes and maps are tools used to study the Earth.

The large landmasses on the Earth's surface are continents and water bodies are oceans.

### Q.1 Fill in the blanks:-

- i. \_\_\_\_\_ is the smallest continent.
- ii. \_\_\_\_\_ is the round model of the Earth.
- iii. Special book of maps are called \_\_\_\_\_.
- iv. \_\_\_\_\_ are the large landmasses on the Earth's surface.
- v. Large maps that are hung on walls are called \_\_\_\_\_.
- vi. Large water bodies on the Earth's surface are called \_\_\_\_\_.

## **Q.2 Choose the correct option:-**

- i. What is the shape of the Earth?  
a) Triangle    b) Rectangle    c) Spherical    d) Square
  
- ii. Which is the largest continent?  
a) Africa    b) Australia    c) Asia    d) Europe
  
- iii. What is a book of maps called?  
a) Maps    b) Globes    c) Wall maps    d) Atlas
  
- iv. How many oceans are there?  
a) 5    b) 6    c) 7    d) 8
  
- v. It is a drawing of the Earth on a flat surface or on a paper  
a) Map    b) Globe    c) Earth    d) Planet
  
- vi. How many continents are there?  
a) 5    b) 3    c) 7    d) 8

## **Q.3 Match the following:-**

<b>A</b>	<b>B</b>
i. Largest continent	a. Atlas
ii. Wall maps	b. Asia
iii. Water bodies on Earth	c. Largest ocean
iv. Pacific Ocean	d. Oceans.

## **Q.3 Answer the following in one word:-**

- i. Shape of the Earth is \_\_\_\_\_.
- ii. People who make maps called as \_\_\_\_\_.
- iii. One tool to study Earth \_\_\_\_\_.
- iv. Shape of Earth \_\_\_\_\_.

**Q.4 Write 'T' for true and 'F' for false:-**

- i. A drawing of the Earth on a flat surface is called Globe.
- ii. Large water bodies on the Earth's surface are known as oceans.
- iii. Pacific Ocean is the deepest ocean.
- iv. Asia is the largest continent.

**Q.5 Answer the followings in very short (one sentence):-**

- i. Write the definition of map.
- ii. Write the name of two tools which use to study the Earth.
- iii. Who was the 1<sup>st</sup> astronaut to travel into space?
- iv. Write the definition of continents.

**Q.6 Answer the followings in detail (Three to four sentence):**

- i. What are oceans? Name them.
- ii. What are continents? Name them.
- iii. Describe the shape of the Earth. Make a suitable diagram of globe and colour the water bodies with blue and land bodies with brown colour.