

ST. THOMAS SCHOOL, SAHIBABAD

Class - IV

Subject-Social Studies

Worksheet – 1 (2020-2021)

TOPIC – Globes and Maps

A . Fill in the blanks:

- 1) _____ is a model of the Earth.
- 2) A globe can be held in the hand and can be put on a _____.
- 3) We can clearly see _____ and water bodies on a globe.
- 4) A book of maps is called _____.

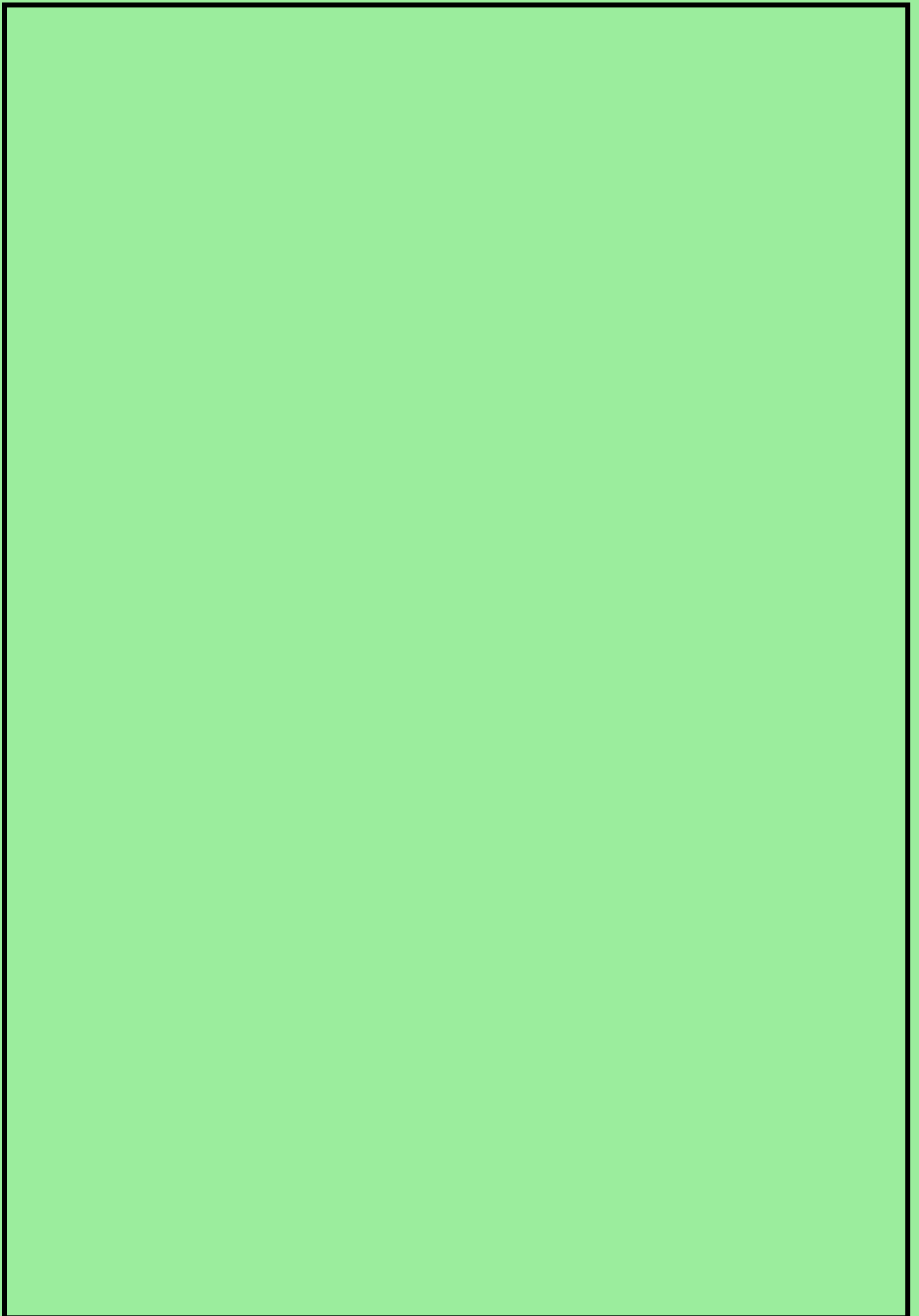
B. Define the following:

- 1) Globe
- 2) Map
- 3) Wall Map

C. Write any two problems we face while using a globe.

D. Draw a diagram of globe.

Note- The following pages contain the content to refer for this worksheet.



Looking At Our World

Topics Covered

1. Globes
2. Maps
3. Landforms
4. Oceans
5. Colours and Symbols on a Map
6. Directions on a Map

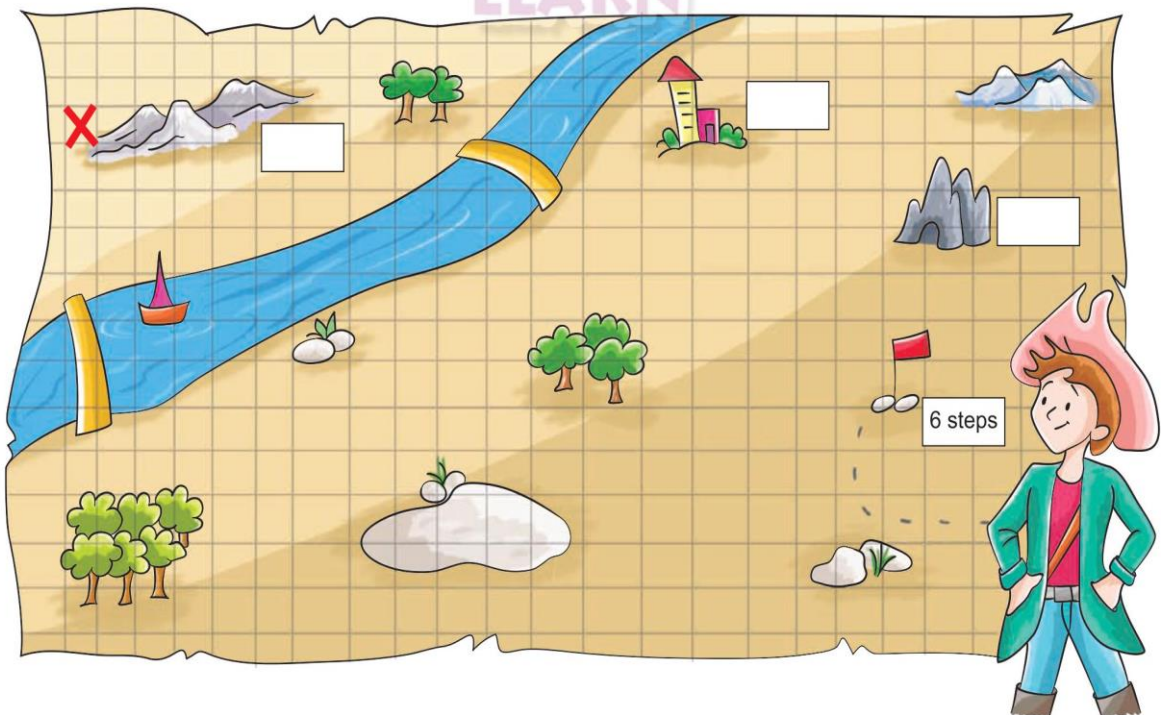
Learning Objectives (You will learn about)

1. Use of globes and maps
2. Different features of the Earth- land and water
3. Representation of features on a map
4. Understanding directions and use of a compass

Let's Start

MILLENNIUM

We use different kinds of maps to mark areas on the land, or the sea. Can you help Anil to reach the treasure, by using the map? Trace the way for him and write the number of steps he needs to take to cross each landmark.



We know that the Earth is round, and has water bodies, mountains, deserts, etc. on it. However, since the Earth is so big, it is difficult to imagine how it looks from far away. This is why we use globes and maps to help us understand the shape and features of our Earth better.

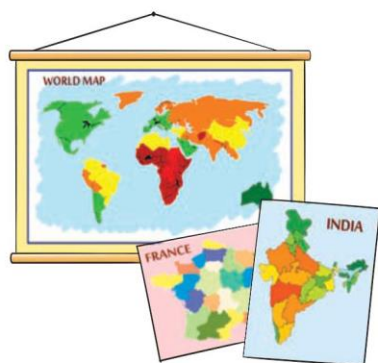


Globe

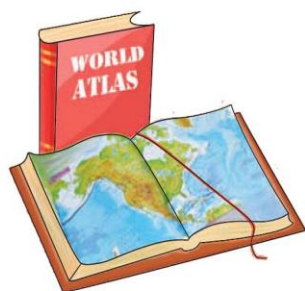
Definition :

Globe: Spherical object; miniature representation of the Earth.

Map: A diagrammatic representation of an area of land (or sea).



Wall maps



Atlas – book of maps

GLOBES

A globe is a model of the Earth. Like the Earth, it is round in shape, but much smaller in size so that we can easily see the different parts of the Earth. We can also move a globe round and round so that it rotates, just like the Earth does. A globe can be held in the hand, or put on a table. We can clearly see land and water bodies (rivers, seas, oceans, etc.). Globes help us to see what the Earth looks like, but there are some problems with using globes:

- (a) We cannot see the entire Earth at a single time on them. Globes show only one half of the Earth at a time.
- (b) The Earth is very big, and globes are small. This is why globes do not show places in great detail.
- (c) They are difficult to carry.

When we need to look at places on the Earth in detail, we use maps instead of globes.

MAPS

A map is a drawing of the entire Earth or a part of it. It can be small or large. It gives more details than a globe and is also easier to carry. So, depending on your need, you can use maps of the entire world, or a more detailed map showing only one city, or a colony.

Maps are drawn on paper and other materials. Some maps are quite large and can be hung on a wall. Such maps are called **wall maps**. A book of maps is called **an atlas**. Let us find out more about the different features of the Earth that can be seen on maps and globes.

St. Thomas School, Sahibabad

Assignment: Art & Craft

Class 4

Dear Students,

Art and Craft worksheet is attached, please make sure that all the art work is done in your art file.. (DO IT ON THE ART PAPER OF THE OLD/ UNUSED ART FILE.)

1. Sun rising scene (Use Poster Colors)
2. Draw and color five flowers (Use only Crayons/Oil Pastel)
3. Make five different leaf impressions* (Use Poster Colors)

NB: *For leaf impression, collect leaves from the tree, color one side with the poster color.

ST. THOMAS SCHOOL, SAHIBABAD
COMPUTER WORKSHEET
WORKSHEET – 1 (2020-21)
CLASS – IV

1. Name the four basic components of a computer system-

2. Which component of a computer is considered the “brain” of a computer?

- Output**
- CPU**
- Input**
- Memory**

3. Select an item that would be used as output device on a computer system-

- Monitor**
- Mouse**
- Keyboard**
- Microphone**

4. Name the following devices and write input or output -

	Input /output		Input /output
 _____	_____	 _____	_____
 _____	_____	 _____	_____
 _____	_____	 _____	_____

**St Thomas School
Sahibabad**

English Worksheet -2

Class – IV

Note: Do the worksheets in a separate copy.

For question 1 copy down the passage neatly and write the answers.

For question 2 write only the answer.

1. Fill in the blanks with suitable words from the box to complete the story.

Cuisines	buildings	capital	artists
Queen	free	languages	global

London is the city of England situated on the bank of the River Thames. It is an old and historic city with many famous..... , parks and places of interest to visit. Many tourists go to Buckingham Palace, where the lives, as it is one of the most recognizable places in the city. There are also many museums and galleries and many of them have entry. Some of the world's most famousexhibit their artwork there.

London is also a multicultural city with people from all over the world. Hundreds of differentare spoken and you can find a wide range of to eat and enjoy. Many international festivals are also celebrated throughout the year in this truly _____ city.

2. Look at the picture given below and describe it in ten lines.



swings, slide, see-saw, children, benches

.....

.....

.....

.....

.....

सेंट थॉमस स्कूल साहिबाबाद

अभ्यास पत्र- २ (२०२०-२१)

कक्षा - चतुर्थ

विषय- हिंदी

सर्वनाम, पत्र

दिनांक- ४.४.२०२०

प्रश्न 1. उचित सर्वनाम शब्द चुनकर वाक्य पूरे करो ।

(क) लड़के शिविर के लिए जा रहे हैं । ----- तम्बू का सामान भी ले जा रहे हैं । (वह / वे)

(ख) अक्षित फोन कर रहा है । ----- अपने मित्र से बात कर रहा है । (वह / वे)

(ग) ----- चाय पीनी है । (मैंने / मुझे)

(घ) ----- नाम क्या है । (तुम / तुम्हारा)

(ङ) ----- मेरी पुस्तक नहीं दी । (उसने / वह)

प्रश्न 2. निम्नलिखित वाक्यों में से सर्वनाम शब्दों को रेखांकित करें ।

(रेखांकित = नीचे रेखा खींचना)

(क) यह कार मेरी है ।

(ख) महात्मा गाँधी हमारे राष्ट्रपिता हैं ।

(ग) आज किसकी बारी है ।

(घ) कोई आ रहा है ।

प्रश्न 3. दो दिन के अवकाश हेतु प्रधानाचार्य को पत्र लिखिए । (अवकाश = छुट्टी)

(नोट: यह कार्य एक पतली कॉपी में दिनांक के अनुसार करें)

ST THOMAS SCHOOL SAHIBABAD (2020–21)
SUBJECT – MATHEMATICS
CLASS – IV
WORKSHEET – 2
TOPIC - NUMBER SYSTEM

Q.1 Fill in the blanks :

- i) The successor of the greatest 4-digit number is _____.
- ii) The predecessor of the smallest 6-digit number is _____.
- iii) 6 thousand + 2 hundred + 6 tens + 5 ones = _____
- iv) The successor of the 3899 is _____ .
- v) 25 thousand + 7 tens + 9 ones = _____

Q.2 Write the numeral:

- a) Fifty six thousand two hundred forty five. _____
- b) Twenty five thousand forty. _____
- c) Sixty thousand four hundred three. _____
- d) Seventy eight thousand nine hundred ninety nine. _____

Q.3 Observe the pattern and fill in the missing number:

- a) 2860 , 2870 , 2880 , _____ , _____ , _____
- b) 7513 , 7613 , 7713 , _____ , _____ , _____
- c) 6700 , 6800 , 6900 , _____ , _____ , _____
- d) 13520 , 14520 , 15520 , _____ , _____ , _____

Q.4 Match the following.

- | | |
|-------|---|
| 9999 | The smallest 5-digit number |
| 1023 | The greatest 5- digit number different digits |
| 10000 | The smallest 4- digit number different digits |
| 98765 | The greatest 4- digit number |

Q.5 Find the number which is :

- a) 45 less than 5650 _____

b) 100 more than 3145 _____

Q.6 Fill in the blanks using $>$, $<$ or $=$.

a) $360 + 400$ _____ 700

b) $9199 - 99$ _____ 9000

c) 8401 _____ $8000 + 40 + 1$

d) 6377 _____ $6380 - 3$

Q7 Make the greatest and smallest 4-digit numbers using the given digits:

Digits	Greatest number	Smallest number
6, 3, 4, 5	_____	_____
0, 8, 9, 7	_____	_____
4, 2, 8, 3	_____	_____
3, 8, 1, 0	_____	_____
2, 8, 9, 4	_____	_____

Q8 In Roman numerals, only 7 symbols are used to write numbers. These symbols are I, V, X, L, C, D, M. The value of each symbol is given below:

Roman Symbols	I	V	X	L	C	D	M
Value of Symbols	1	5	10	50	100	500	1000

Now with the help of above table write Roman numerals from 1 to 50

Q9 Write the place value of each digit in 64302.

Q10 The number 38754 is given. Interchange the digits at thousand place and hundred place. Find the difference between the two numbers.

NOTE: Do the worksheet in separate notebook (it should be covered in purple and labelled neatly) or on A4 sheets.

PLANTS-THE SOURCE OF FOOD

Concept Mapping

INTRODUCTION

- How are plants useful to us?
- How do plants prepare their food?

PHOTOSYNTHESIS

Materials required for photosynthesis

LEAF-THE FOOD FACTORY

Structure of a leaf

ROLE OF ROOTS

How do roots contribute towards food production?

ROLE OF STEM

How does the stem help in transporting food and water?

STORAGE OF FOOD

- Food stored in roots, leaves and stems of plants
- Presence of starch in stems and leaves



Plants give us many useful things

Plants are very important for us. Apart from giving us many useful products like wood, medicines, etc. plants are also the primary source of food for us. Most of the food items that we eat come directly or indirectly from plants. But, have you ever thought about what plants eat? Plants make their own food. They make food in their leaves, in the presence of sunlight through the process of photosynthesis. Apart from food plants give us another thing that we cannot live without. Do you know what it is?

This precious resource is **oxygen**.

When plants make their food by the process of photosynthesis, they give out oxygen.

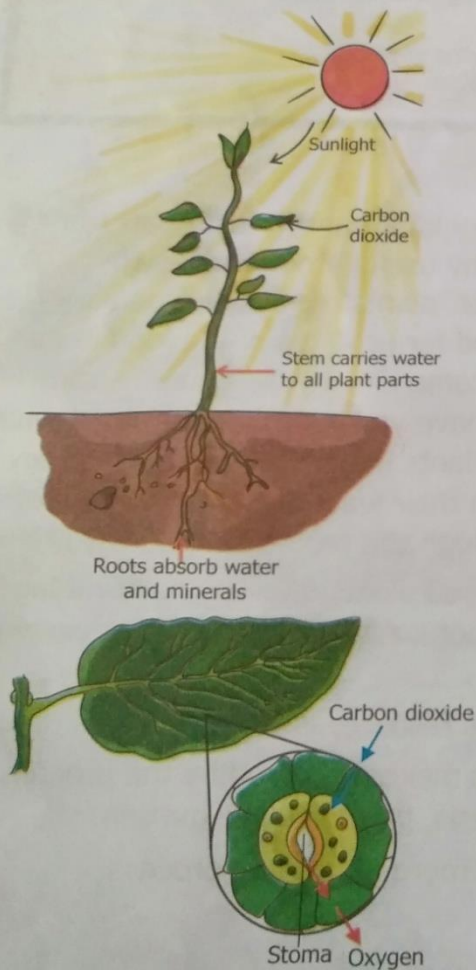
Let us learn more about this process.

Definition:

- The green-coloured substance present in the leaves is called chlorophyll.
- Photosynthesis is the process of making food by leaves of the plant, with the help of water and carbon dioxide in the presence of sunlight.

Did You Know?

Some plants like crotons have red-coloured leaves. This is because of the presence of red-coloured pigment in them. Their dark, red patches hide the green colour of chlorophyll. But photosynthesis does take place in the leaves only, as chlorophyll is present there.



Leaves take up carbon dioxide through stomata

PHOTOSYNTHESIS

Photosynthesis is a Greek word in which 'photo' means light and 'synthesis' means putting together. Plants use this process to make their food. Photosynthesis takes place in the presence of carbon dioxide, water and sunlight.

Materials Required for Photosynthesis

Have you seen your mother prepare food? She gets all the vegetables, flour and spices from the market before preparing food in the kitchen. Similarly, plants get raw materials from the environment before making their food. The raw materials needed for this process are **water, minerals, carbon dioxide** and **sunlight**. Different parts of a plant collect different raw materials, and leaves make food using all of these. Therefore, leaves are also known as the '**kitchen**' of the plant. Let us understand how all these raw materials are collected.

Leaves have tiny pores on the surface which can be seen only under a microscope. These pores are called **stomata**. Air enters the leaves through the stomata. When the leaves make food, they take in carbon dioxide and give out oxygen through the stomata. Water is absorbed from the soil by the roots. Chlorophyll present in the leaves traps the sunlight. Once all the ingredients are collected, leaves produce food in the form of sugar.

Oxygen is released as a by-product of the photosynthesis. It is used by all living things for breathing. In addition to leaves, photosynthesis also takes place in other green parts of the plant.

Exercise :

Q1.Fill in the blanks:

- (a) The green- coloured substance found in leaves is called _____.
- (b) The raw materials needed for photosynthesis are water, minerals , _____ and _____.
- (c) _____ is released as a by-product of the photosynthesis.

Q2.Name these:

- (a) Plants need this gas for photosynthesis. _____
- (b) Part of the plant where food is made. _____
- (c) Tiny openings on the surface of a leaf . _____

Q3.Answer the following questions:

- (a) Name the raw materials required by plants to make food.

Ans- _____

- (b) Why leaves are known as the 'kitchen' of the plant?

Ans- _____

- (c) Define photosynthesis.

Ans- _____
