Jesus and Mary School

**CLASS – 2**

 **SUBJECT – SCIENCE MODULE. 1**

 **SYLLABUS**

1. How plants grow
2. Plants around us
3. Wild animals
4. Bones and muscles

Including all the question answers, true false, match the following, fill in the blank and diagrams of all the chapters mentioned above.

 How plant grow

Explanation :

Plants grow on land and water. Just like us, a plant have many parts in it,and every part do it’s work.

The main parts of a plant are roots, stem, leaf, flower and fruit.

Parts of a plant:

1. Roots:
2. Roots grow underground as well as under water for Example- roots of lotus grow under the water and roots of a mango tree grows under the ground.
3. These roots give support to the plants.
4. Roots carry water, minerals and nutrients from the soil to the plant. Minerals and nutrients help the plants to grow.
5. Stem:
6. Stem is present above the ground.
7. It also gives support to the plant.
8. Stem is known as the back-bone of the plant.
9. It carries food and water to all the parts of the plant.
10. It also have branches, leaves, fruits, and flowers.
11. Leaf:
12. Leaf prepares food for the plant. Because leaf makes food for the plant, it is called as the kitchen of a plant.
13. Flower:
14. Flower is the most beautiful part of a plant. A flower is Colourful part of a plant.
15. When a flower grows it changes into fruit.
16. Every plant have flowers in it.
17. Fruit:
18. Fruits are juicy and tasty. Example- apple, mango, orange, watermelon etc.
19. Seeds:
20. Most of the fruits contain seeds in them for example Apple , mango and watermelon etc
21. Seeds are of different shape and sizes.
22. Plants also grow from their seeds.
23. A baby plant is hidden inside a seed. A baby plant grow to a big plant.

Germination :

Germination is a process in which a baby plant grows up into a big plant or a tree. It needs water, sunlight, and air to grow. The process of generation is as follows

1. Roots absorb water and nutrients from the soil.
2. The seed gives food to the baby plant.
3. The seed breaks up when the baby plant grows into a little plant.
4. This little plant is called a seedling.
5. After some time, this seedling grows into a new plant which we can see above the ground.
6. This new plant grows and changes into a big plant. The development of a plant from the seed is called Germination.

 WORK SHEET

**DO THE FOLLOWING EXERCISES IN YOUR COPY / NOTE BOOK.**

Exercise 1

Write true or false.

1. Most of the flowers are green in colour. ( FALSE)
2. Roots are present under the ground. (TRUE)
3. Stem is present under the ground. (FALSE)
4. Flowers prepare food for the plant. (FALSE)
5. All plants have flowers. (TRUE)

Exercise 2

Fill in the blanks.

1. Stem and root gives support to the plant.
2. Plants bears flowers.
3. Root carries water and nutrients from soil.
4. Flowers changes into fruits.
5. Leaf prepare food for the plant.

Exercise 3

Match the following:

 Column A Column B

1. Kitchen of the plant --------------------- Leaf
2. Back-bone of the plant -------------------- Steam
3. Beautiful part of the plant ---------------- Flower
4. Fruit ------------------------------------------- Mango
5. Plants grow from ----------------------------- Seeds

Exercise 4

Question and answers:

 Question 1) *Why are fruits useful to us?*

 Answer :- Fruits are useful to us because they gives us energy.

 Question 2) *What are the functions of roots?*

 Answer :- Roots supply water and other nutrients to all parts of the plant.

 Question 3) *What are the three important things a plant needs to grow?*

 Answer:- Water, sunlight and air.

 Question 4) *Name five main parts of the plant.*

 Answer:-The five main parts of the plant are:-

1. Roots
2. Stem
3. Leaf
4. Flower
5. Fruit

Question 5) Draw the diagram of plant, fruit and leaf in copy.

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