



Teacher Resource Pack

Science

Class 5

UNIT - I LESSON - 1

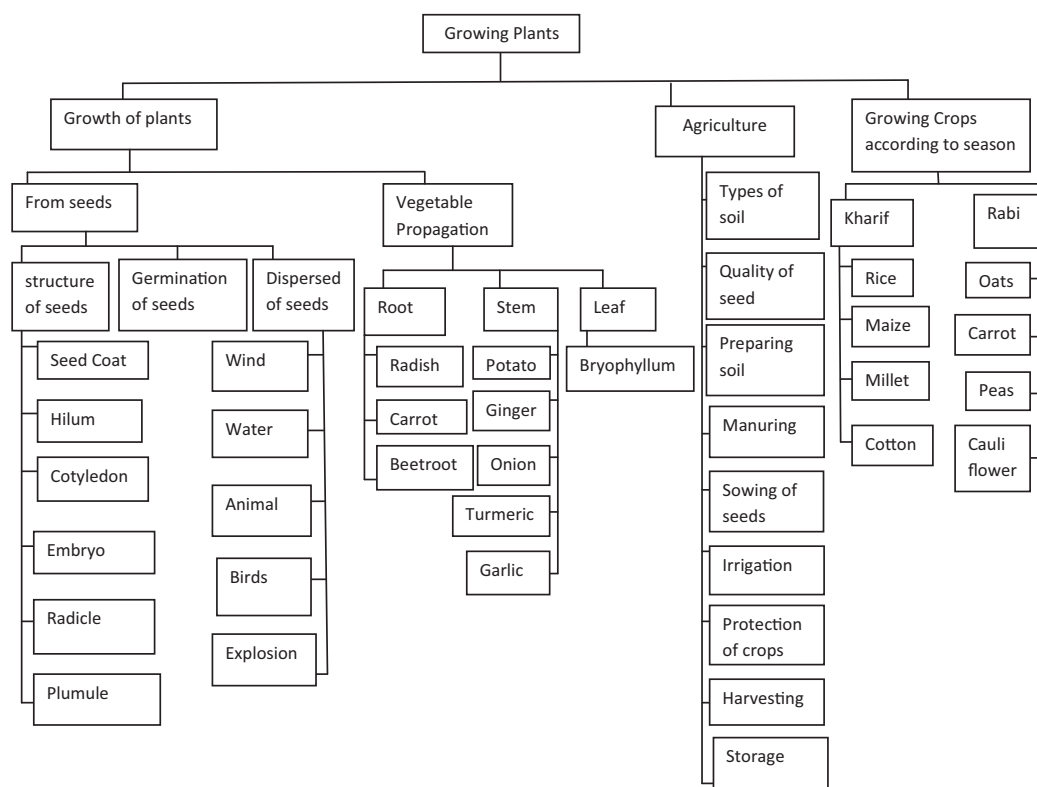
Growing plants

No. of Periods: 5 or 7

Objectives

- To understand the growth of new plants from seeds.
- To identify and list out parts that make up the structure of the seed.
- To understand the different stages of germination in a seed.
- To know the different ways of seed dispersal.
- To know the different methods of vegetative propagation.
- To understand and describe the various stages involved in agriculture.

Lesson at a glance:



In brief

- The growth of a new plant from seeds.
- The structure of a seed.
- Germination of seeds into a new plant.
- The different ways in which seeds are dispersed.
- Reproduction of plants by vegetative propagation.
- The different stages of agriculture.
- Type of soil and climate playing a key role in growing of crops.

Pre-requisite skills

1. Why are plants and trees important for us?
2. How does a new plant grow?
3. What does a plant need to grow?
4. How do we depend on plants for all our needs?
5. Which part of the plant is food for us?
6. How are animals and plants inter dependent?

Motivation

Let Us Begin

Plants give us: fruits, nuts, wood for construction of a house, wood for making furniture, fibre for making clothes. To begin with the teacher can write the poem on the black board and ask the students to give it a tune. They can all sing together.

Life of a plant

A plant will grow from a tiny seed.
Some water and sun is all you need.
First the roots grow underground.
They suck up minerals from all around.
Then come the stem, some tall, some stout.
And next the branches spread about.
Leaves grow in all shapes and sizes,
Watch this new life as it rises,
Flowers bloom from buds on stems,
They are as pretty as precious gems.
Some plants give us juicy fruit,