



Name: _____, # _____
Test Date: _____

Plant Growth and Development Study Guide

Students should be able to review their notes and other information in their Science binder to help them review the following concepts.

1. Plants are important to people and the environment. You should be able to give examples of plants used as food, shelter and be aware of how plants help the environment.
 - a. Plants work with our environment to produce oxygen and prevent erosion.
2. You should be able to look at the diagram of a plant and label the roots, stems, leaves and flowers.
 - a. You should know what the job or function of all of those parts of the plant are. The different types of roots, stems, and leaves are important to know.
 - b. You should be able to look at a flower and label its parts.
3. Plants have needs that must be taken care of so that they will grow well. You should be able to describe the things necessary for good plant growth.
 - a. E.g. air, sunlight, water, nutrients, space, temperature, soil
 - b. You also need to know why these things vary with the plant that is grown. E.g. Why do tropical plants grow best in the rainforest and not in Canada?
4. We have studied plants with special needs. Some of them have very specific needs and wants. Please look at your notes on this topic.
5. Plants have a life cycle. From seed to an adult plant to a plant that produces new plants. You should be able to look at the life cycle of a plant and put it in order and label it.
6. Plants produce new plants. New plants can come from seeds, cuttings, bulbs and runners. Please look at your hand out for the different ways that plants can reproduce.
7. Seeds are not kept in one place by a plant. Seeds move from the parent plant in a number of ways. The wind and animals are two ways that seeds can move to new places to grow new plants. Please look at your notes for this topic.

