

Name _____

Assessment Date: _____

Plant Assessment 1 Study Sheet

Seeds, Germination, Roots

Vocabulary - be able to match the word with its definition.

dicot : a seed that has two cotyledons

monocot: a seed that has a single cotyledon

seed: contains an embryo and its stored food

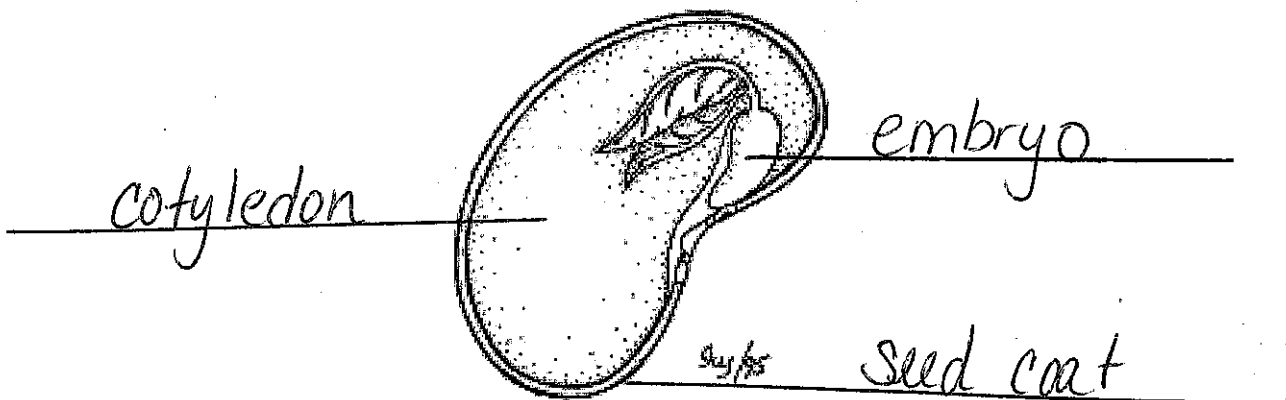
cotyledon: the stored food inside a seed

germination: the process of a seed beginning to grow

seed coat: a seed's protective outer layer

Parts of a Dicot Seed: be able to label the 3 parts of a dicot

seed using a word bank.



Seed Germination: be able to sequence the events of the seed germination process.

1. The seed does not begin to grow until conditions are right.
2. The seed gets planted in soil.
3. The seed swells when it gets water, warmth, and air.
4. The seed coat splits and the new seed sprouts.
5. Part of the plant grows downward and becomes the roots.
6. Part of the new plant grows up through the ground.
7. Leaves form that make food for the plant
8. The plant is full grown.

Roots - be able to write the three functions of plant roots.

1. Support the plant.
2. Gather water and nutrients from the soil.
3. Store the food plants make.