



Embryo- The embryo will germinate or grow out from the seed and you will see a sprout.

Cotyledon- The cotyledon is the food supply for a seed.

Seed Coat- The seed coat protects the seed.



Parts of a Seed

Materials:

1. Lima beans
2. Plastic bag
3. Paper towel
4. Magnifying glass
5. Parts of the seed chat

Procedures:

1. The night before of the lesson put lima beans in water.
2. Pass a paper towel to each student.
3. Pass a magnifying glass to each student.
4. Give a lima bean to each student.
5. Observe the seed coat (outer covering).
6. Tell about the job of the coat. The coat of the seed is to keep the and protect the seed food together (two parts of the seed)
7. Tell the students that carefully remove the coat of the bean.
8. They will observe the food of the seed. The little plant inside the seed will consume that food when starts to grow.
9. Pull apart the two parts of the seed
10. Use the magnifying glass to observe the little plant inside the seed.
11. Draw attention to the parts of the little plant, (leaves, and root)