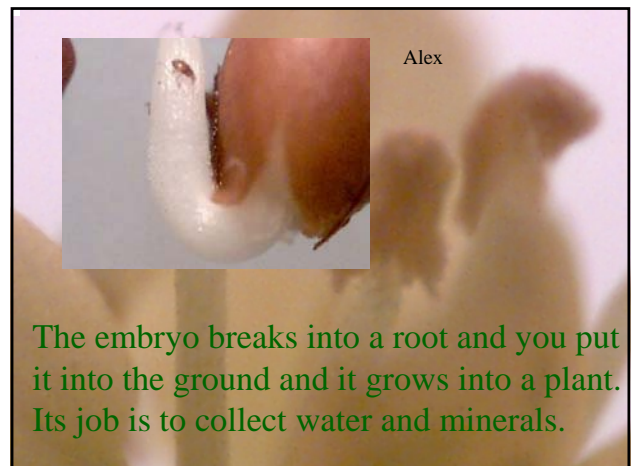
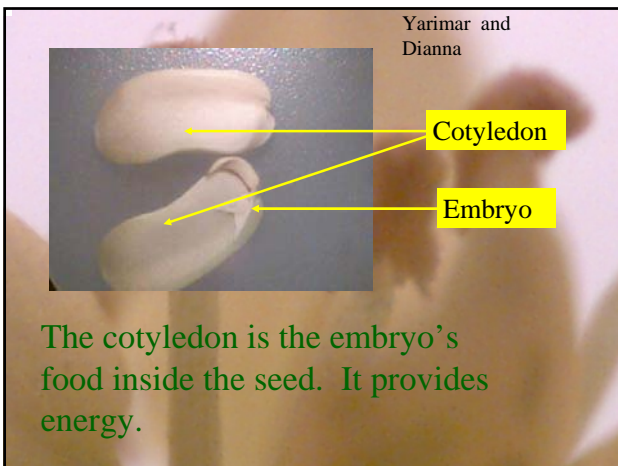
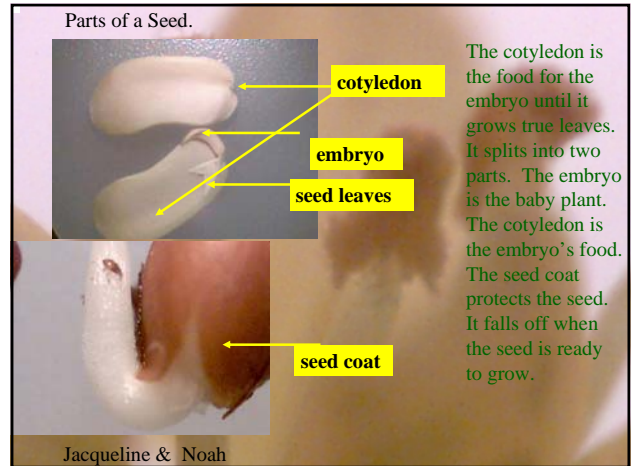
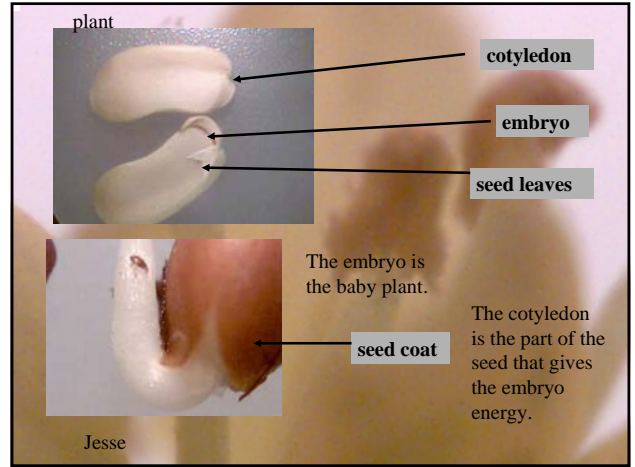
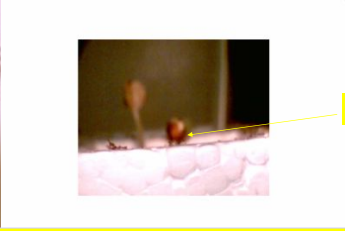


Life Cycle Of The Brassica Plant

By Mr. Love's
Third Grade Class
Oakland Terrace E.S.
Silver Spring, MD





Seed coat

The plant breaks out of the seed coat so it can grow. The seed coat pops off when the embryo begins to grow.

Emilio, John, Dianna and Yarimar



Seed leaves

The seed leaves come inside the seed.


Sam



Alex & Damaris

Seed leaf

The Seed leaves came from the baby plant.




Robert

Going through Photosynthesis plant

No sun plant

Photosynthesis helps produce energy so the plant can turn into a flower, then the flower turns into a seed pod.



Robert

True leaves

Seed leaves

The plant needs: Sunlight, Water and Carbon Dioxide so the true leaves can produce energy for the plant. This process is called photosynthesis.



The true leaves help produce food for the plant. The true leaves make food by using sunlight, water and carbon dioxide to make food. This is called photosynthesis. The plant takes in carbon dioxide and lets out oxygen.

Daniel, Bradley & Sam

Experiment:

What would happen if we changed one of the variables for a plant? What effect would taking the light away from a plant have? Look at our results...

Healthy plant

Nicole



No Sun Plant

The no-light plant is yellow because it has to make food and it is not making food.



Toby

No sun plant

The no-light plant will grow no further than the seed leaves with no sun.



Anabel

Seed leaves

When a plant gets no light, the seed leaves turn yellow because sunlight gives green coloring.

Dying plant leaf

Toby

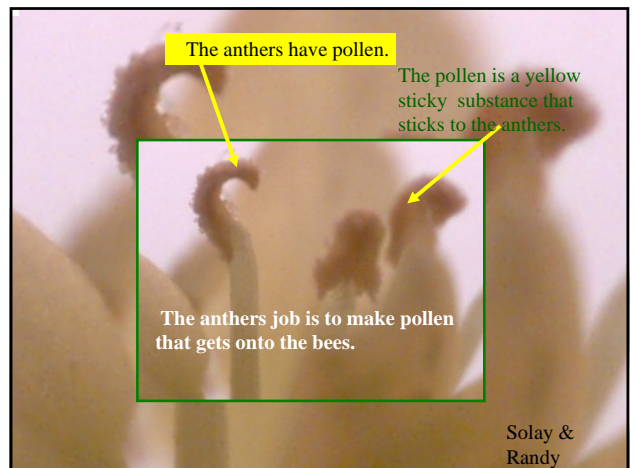
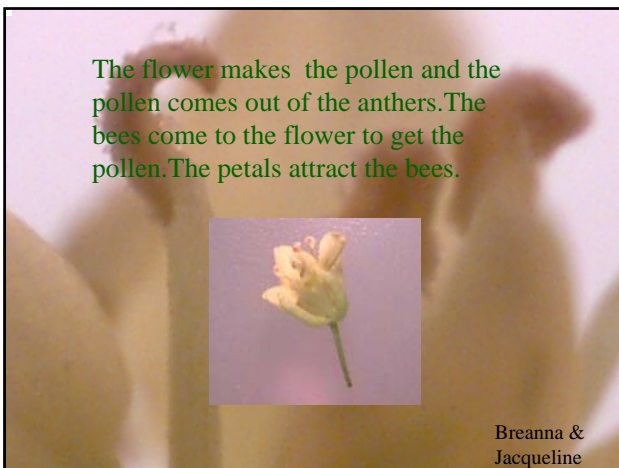
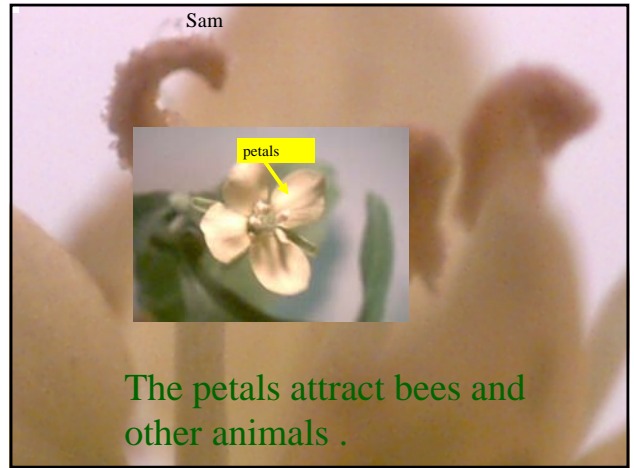
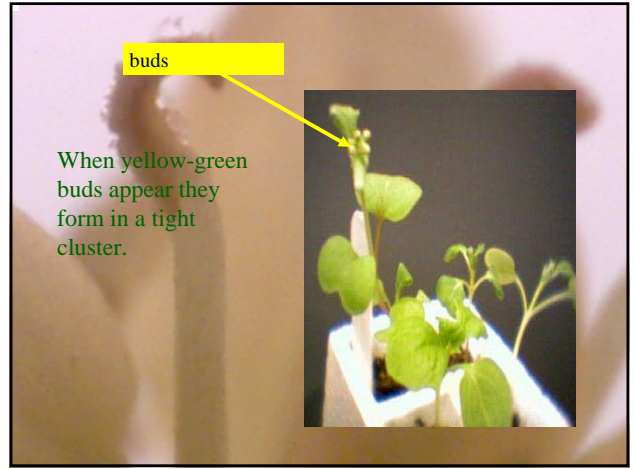
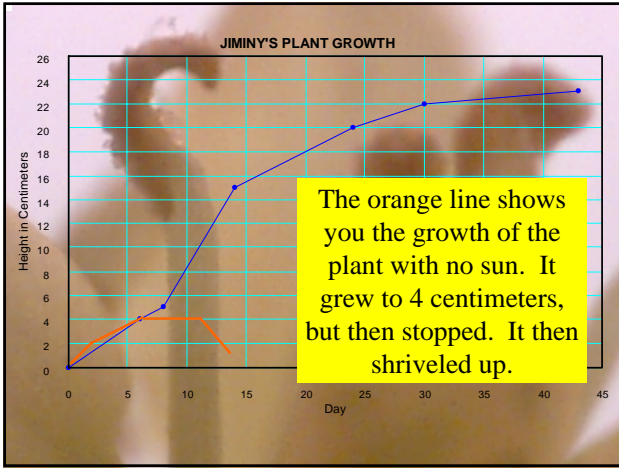
You can tell that the plant is not making enough food because it's not going through any photosynthesis. And the seed leaves are yellow.



No sun plant

Toby

The no-light plant will die very soon because it's not getting enough sunlight to make energy for food.



Yarimar, Dianna, Jacqueline, Breanna, Edgar



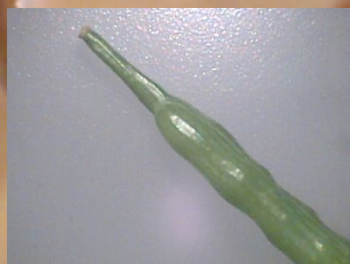
The stigma holds seeds that are not mature seeds until it becomes a seed pod. The stigma's job is to get pollinated so the seeds can mature. That way the seeds inside can grow.

Anabel



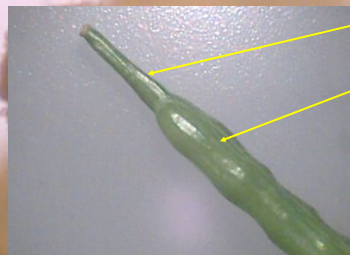
This is a picture of the honey bee. This interesting creature is known for its work. Its job is to collect pollen and nectar. It can pollinate the flower's stigma.

Kaira and Noah



This Seedpod comes from a Brassica flower.

Martrell and Gianfranco



stigma

seedpod

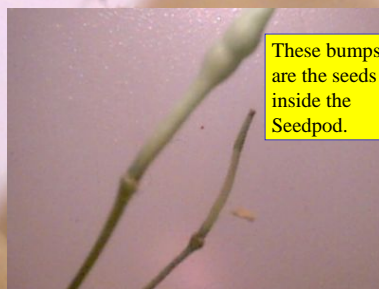
After it is pollinated, the stigma turns into a seedpod to protect the seeds.

Kaira and Noah



The most important part of the flower is the seedpod because it produces seeds.

Kaira and Noah



These bumps are the seeds inside the Seedpod.

This is a Seedpod about to split open.

