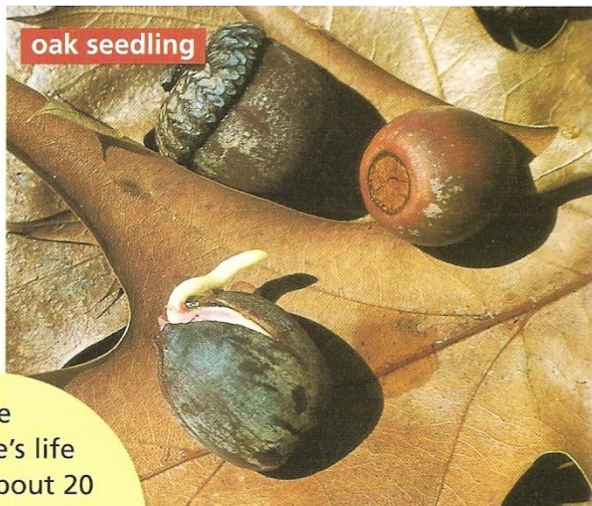
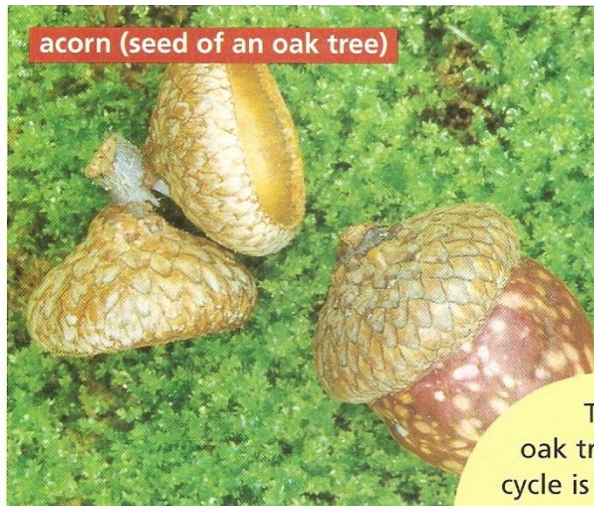


Name: _____

Date: _____

The Life Cycle of a Plant

As we have seen, seeds germinate and turn into plants. Each seed produces roots, leaves, and a stem. After a while the new plant can make seeds of its own. Some plants can produce seeds in a very short time. Others take many years before they can produce seeds. When a seed grows into a plant and starts producing new seeds, it has completed one life cycle.



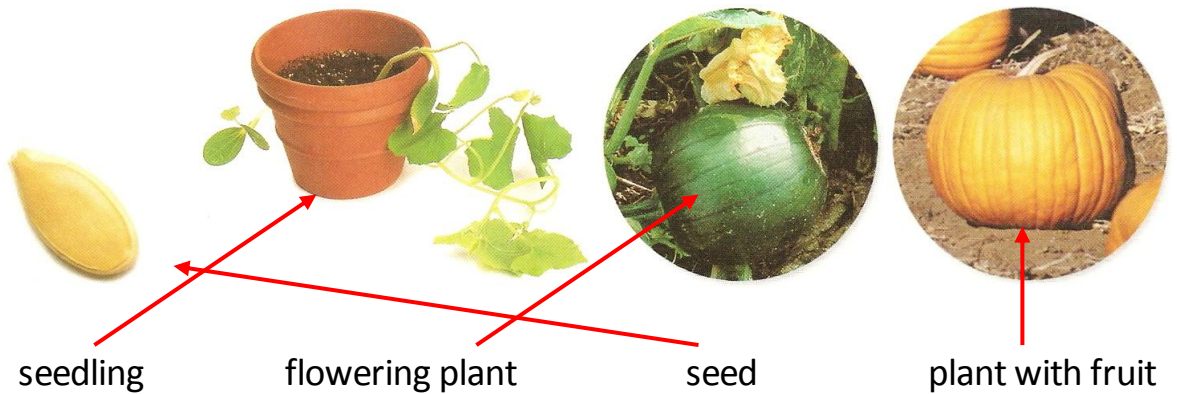
The oak tree's life cycle is about 20 years long. Oak trees can live for hundreds of years.



1. Why are seeds a good source of food?

Seeds contain all of the energy necessary to grow a seedling. We need energy from our food, and can get a lot of energy by eating seeds.

2. Below are pictures to show the life cycle of a pumpkin. Use a line to connect the labels to the correct picture.



3. How are the cycles of a pumpkin and an oak tree the same? How are they different?

Both start as a seed, and then grow to a seedling. The oak tree does not grow fruit that protects the seeds, instead it grows hard seeds (acorns). The life cycle of an oak tree is 20 years, where as a pumpkin is about 3 months.

4. We have been growing black-eyed peas. What stages of life have you observed so far? Draw the stages of life for your plant, predicting what it will look like when it has completed a life cycle. Label each stage and indicate whether you have seen it or not.

