

Gymnosperms are the oldest seed-bearing plants. There are four types of gymnosperms: gnetophytes, cycads, conifers, and ginkgos. Learn about gymnosperms' distinctive appearance and unique life cycle here.



## Key vocabulary

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### **angiosperm**

A plant that produces seeds in a flower or fruit.

### **gymnosperm**

A plant that produces seeds in a cone.

### **seeds**

The part of a flowering plant from which a new plant can grow.

### **cone**

The hard, woody fruit of a pine or fir tree.

### **needle**

A very thin, pointed leaf on a fir tree or pine tree.

### **evergreen**

A bush or tree that has green leaves throughout the year.

### **pollen**

Tiny yellow grains. Pollen grains are the male cells of plants.

### **germinate**

When seeds or beans start to grow shoots and roots.

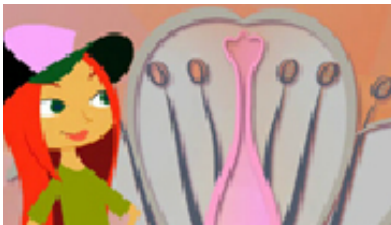
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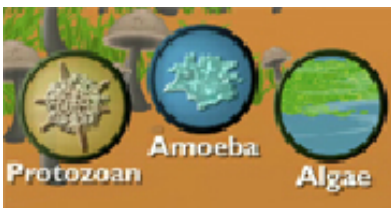
### Angiosperms: Seeds in Fruit

In some plants, called angiosperms, seeds grow inside fruit. That is a pretty tasty place to grow up, if you ask us!



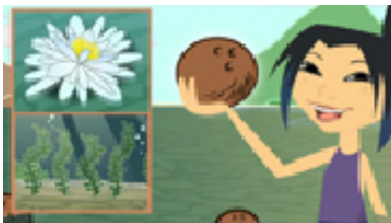
### Flowers

Angiosperm plants have a special way of reproducing. They use flowers!



### The Kingdoms of Life

Even plants and animals want to belong! All living things fall into one of five kingdoms.



### Plant Adaptations

When the going gets tough, plants adapt! Plants have incredible ways to adjust to their surroundings.



### Plant Cells

Plant cells are powerhouse workaholics! They do all kinds of jobs inside the plant, helping keep the plant alive and healthy.