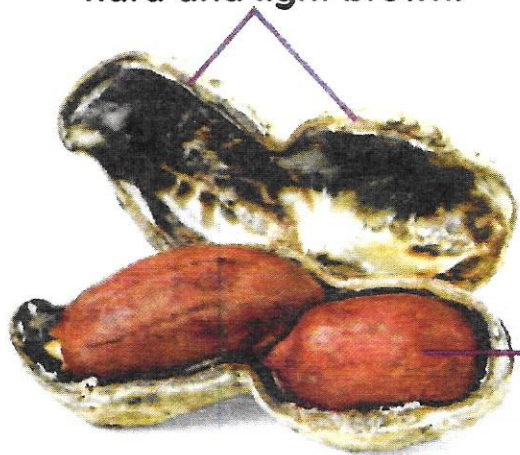


All seeds have covers that protect them. The covers also help keep the seeds from drying out. Some seeds, like peanuts, also have shells.



The peanut shell is hard and light brown.



▲ Peanuts are seeds. They grow underground.

The cover of a peanut seed is thin and dark brown.

Quick Check

Circle the answers.

8. A pod is a _____ for seeds.

cover shell

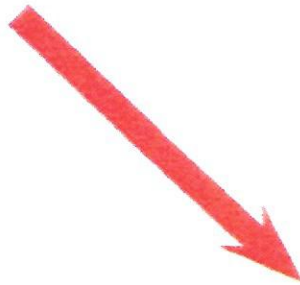
9. A peanut shell is light brown and _____.

hard soft

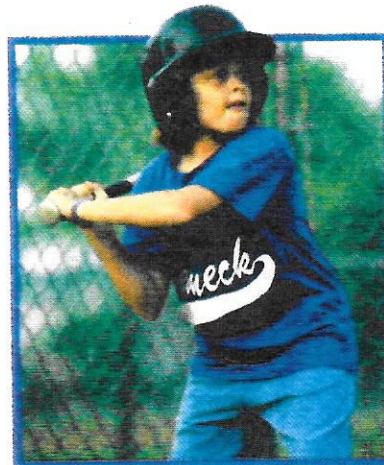
How a Ball Changes Direction



1. The pitcher uses force to throw the ball toward the batter.



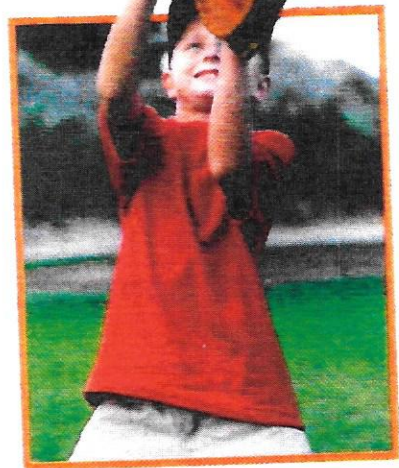
2. The batter uses a push to hit the ball. It changes direction and flies toward the outfield.



How can forces change motion?

Forces can make things change motion. They can make things speed up, slow down, stop, and start moving. Forces can also make things change direction. In a softball game, the players use force to change the direction of a ball's motion.

3. The player in the field catches the ball. He stops its motion.



Read a Diagram

What kind of force do the players use?

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@ www.macmillanmh.com

Quick Check

Fill in the blanks.

13. Forces can change the _____
of things.

14. In softball, the player that catches the ball

_____ its motion.

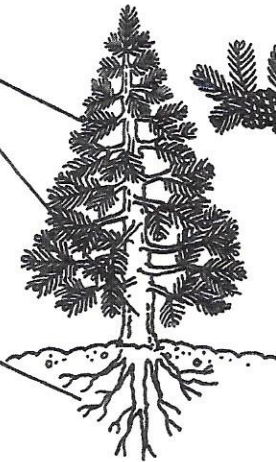
Diagrams are drawings that give information. **Labels** tell more about a diagram.

Look at the diagram. Read the labels. Then answer the questions below.

The Parts of a Pine Tree

Branches and trunk carry water and food to different parts of the tree.

Roots take water from the soil.

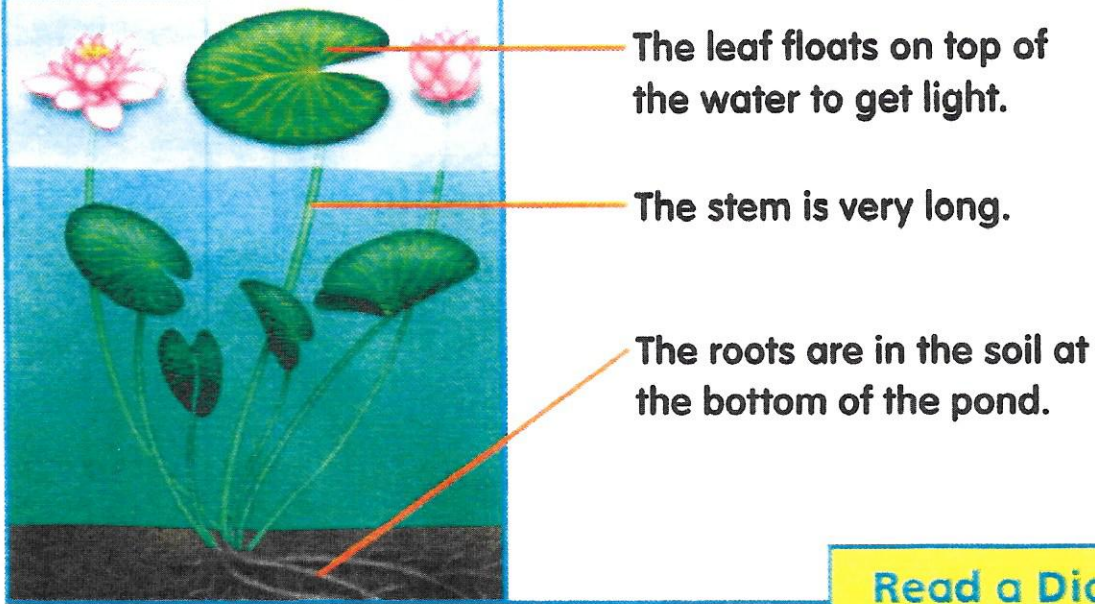


Needles make food for the tree. They stay green all year.

Cones hold the tree's seeds.

1. What does this diagram show? _____
2. Which part makes food for the tree? _____
3. What do cones do? _____
4. What carries water and food? _____
5. How does the diagram show what the roots look like?

Water Lily



Read a Diagram

Plants need soil to grow. They take in nutrients and water from the soil. The roots of a water lily grow down in the soil. The stem grows up toward the light.

Quick Check

Circle the answers.

15. The _____ and _____ can turn to get light.

flowers

roots

leaves

16. A water lily's stem is very _____.

short

thick

long

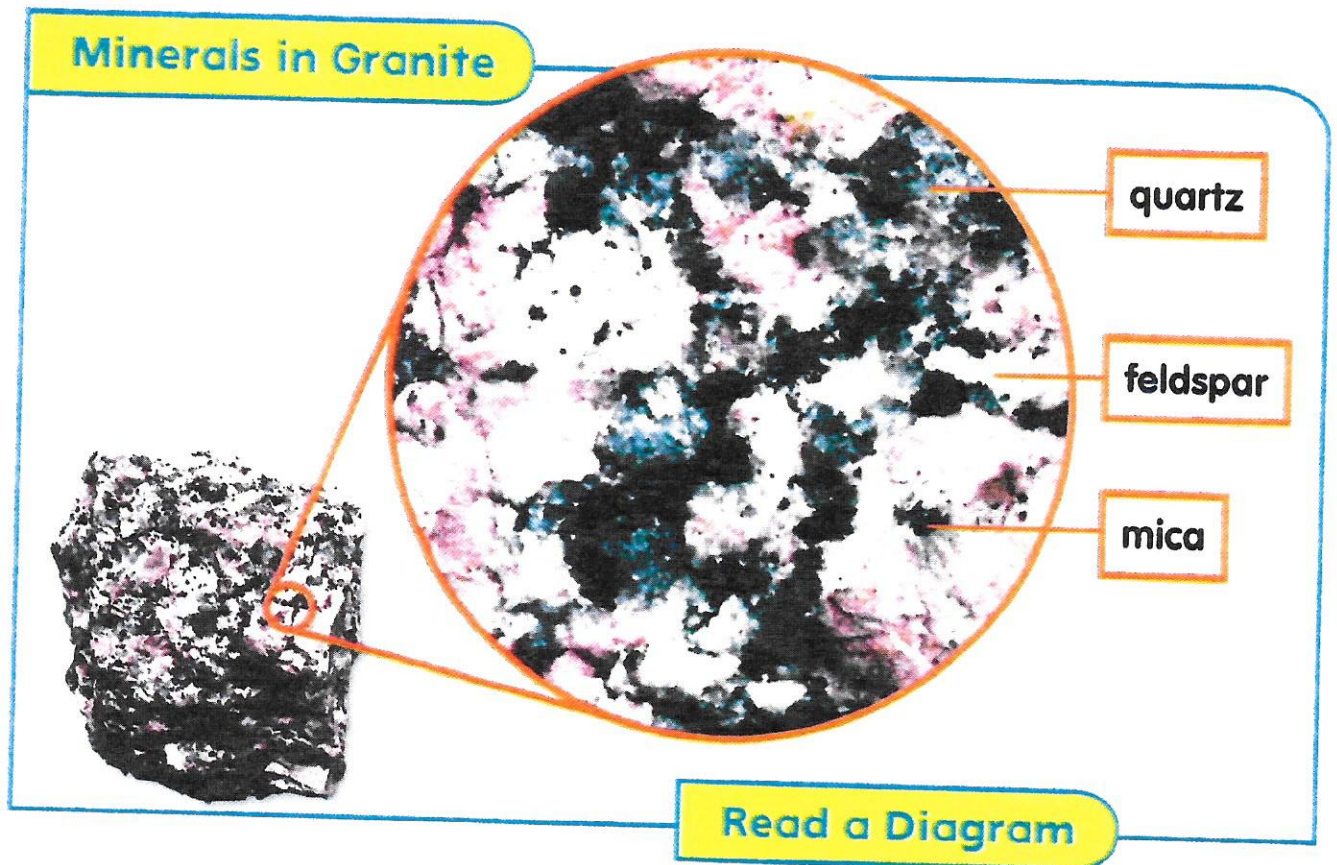
What are rocks made of?

All rocks are made of **minerals**. Some rocks are made of one mineral. Others are made of many minerals.

Look at the piece of granite in the diagram below. It is made of three minerals. The gray parts are the mineral quartz. The white parts are feldspar. The black parts are mica.

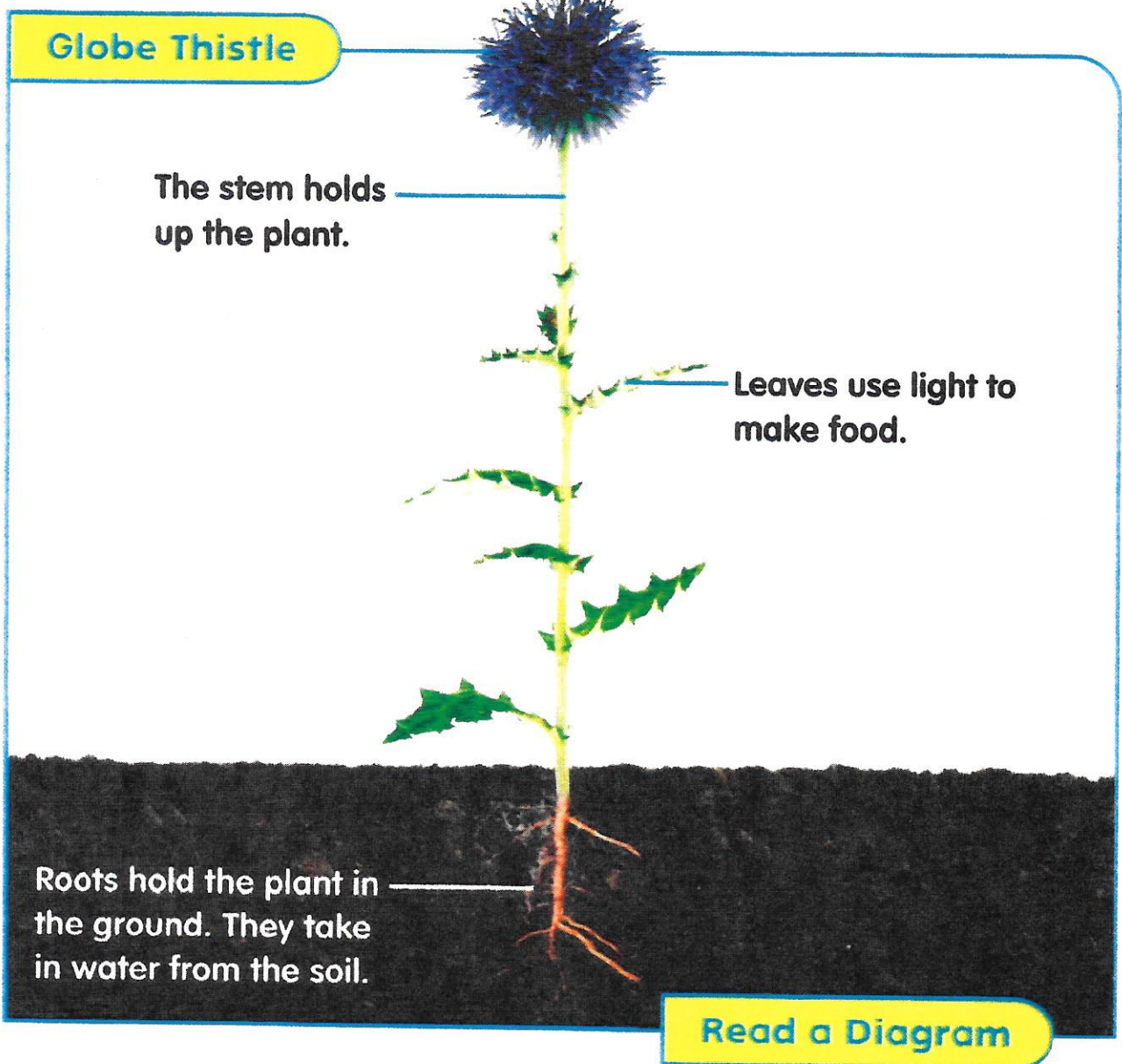


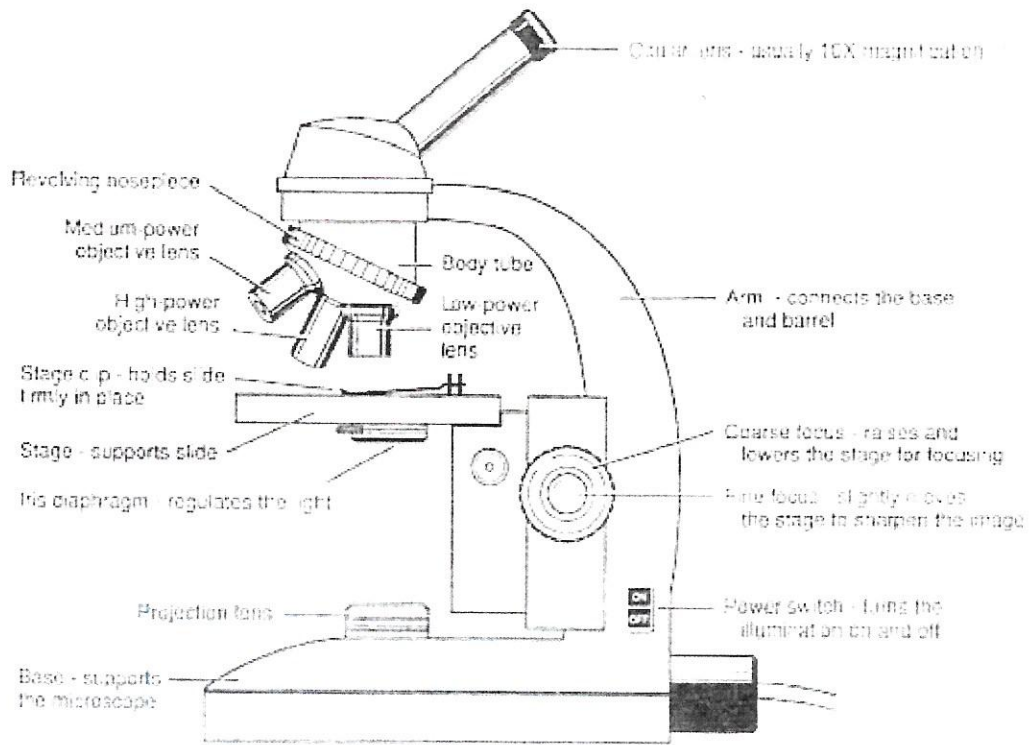
▲ This rock is called beryl. It is made of only one mineral.



What do roots, stems, and leaves do?

Plants use their roots, stems, and leaves to get light and water.





What does a clean desk look like?

③ Books and folders in two neat stacks

⑤ All papers in folders or notebook

④ Name tag left alone

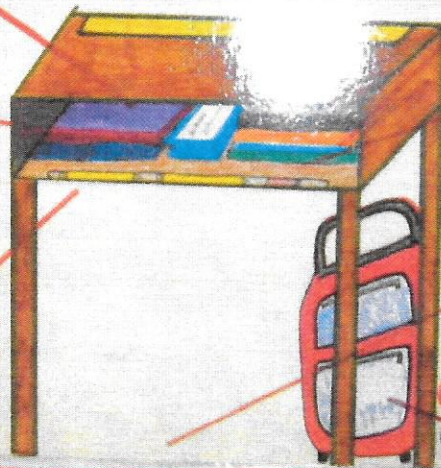
② All school supplies in box/bag in between books or on top of them

⑥ No trash

① Two sharpened pencils in desk lip (1 eraser if you want)

⑦ Nothing on the floor

⑧ Backpack on chair or under desk



This is a diagram of a clean desk. A diagram is a detailed picture with labels to help the reader understand the picture.

Tooth Anatomy

