

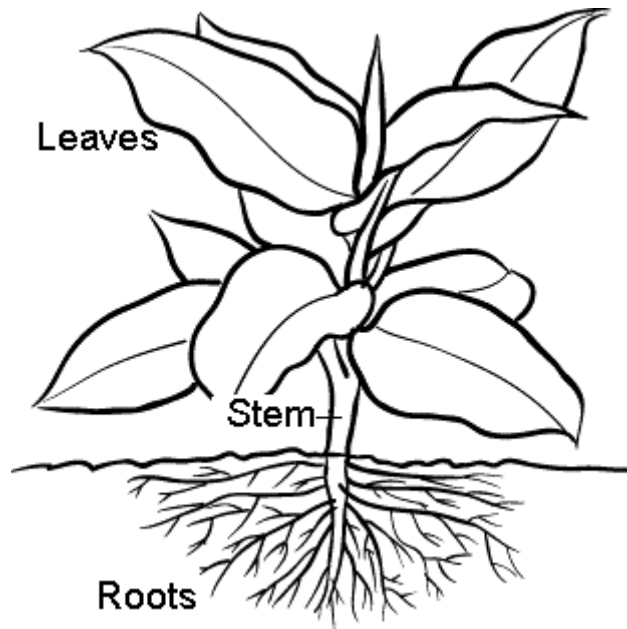
**McGraw-Hill Science © 2000, Texas Edition  
TAKS Practice Test**

**Grade 2, Chapter 1  
Plants and Their Parts**

**Name** \_\_\_\_\_

**Date** \_\_\_\_\_

Use the picture to answer Questions 1 and 2.



1 Which parts take in water?

- Roots
- Stem
- Leaves
- Soil

2 Which parts take in sunlight to make food?

- Roots
- Stem
- Leaves
- Soil

3 While walking through a forest, you see a new plant. You have not seen this plant before. What should you do?

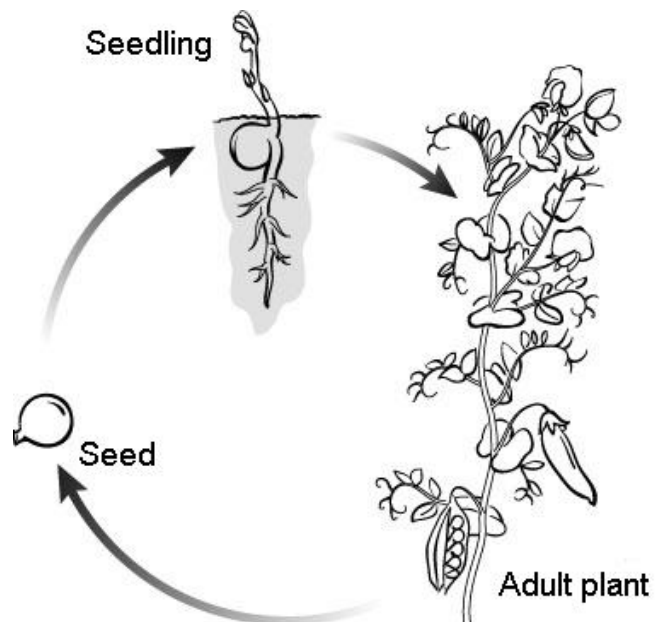
- Touch the leaves of the plant.
- Taste the leaves of the plant.
- Pull the plant out of the ground.
- Look at the plant, but do not touch it.

4 To \_\_\_\_\_ means to learn by looking, touching, tasting, seeing, or hearing.

- ignore
- obey
- observe
- classify

5 What does the picture show about a pea plant?

- The picture shows the life span.
- The picture shows the life cycle.
- The picture shows what flowers do.
- The picture shows how leaves grow.

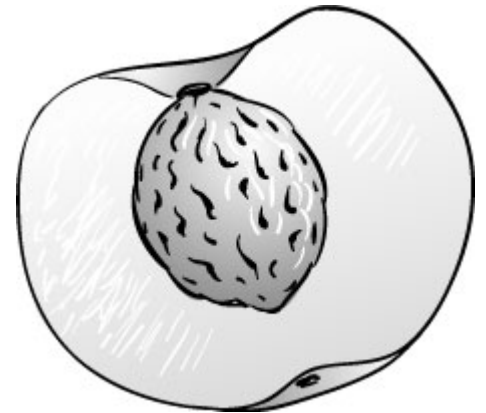


6 What tool helps you look closely at something?

- Thermometer
- Hand lens
- Sponge
- Calculator

7 What kind of part is the pit of a peach?

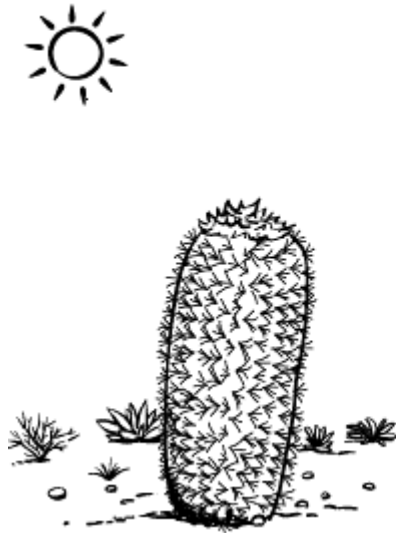
- Fruit
- Leaf
- Seed
- Stem



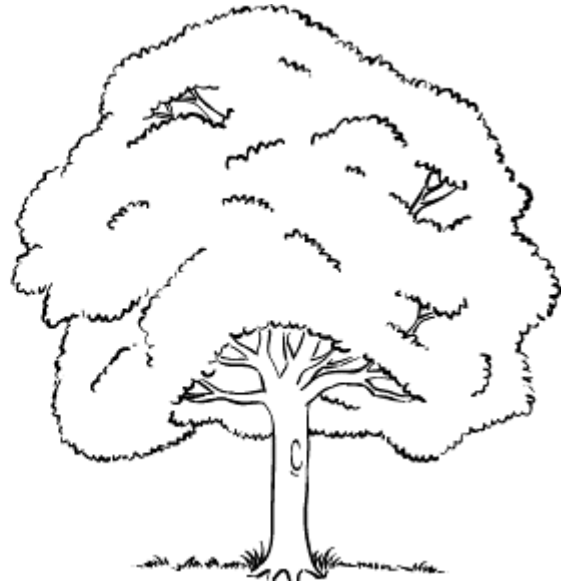
8 A bee carries pollen from flower to flower.  
How does spreading pollen help the plants?

- Pollen helps a plant take in water.
- Pollen has a lot of water inside it.
- Plants use pollen to make new leaves.
- Plants use pollen to make seeds.

Use these pictures to answer Questions 9 and 10.



Cactus



Maple Tree

- 9** To live and grow, what do both the cactus and the maple tree need?
- They need water only.
  - They need sunlight only.
  - They need soil only.
  - They need water, sunlight, and soil.
- 10** What if the maple tree were moved to a desert? Could it live and grow in a desert for many years? Why or why not?
- Yes. Trees can live anywhere.
  - Yes. A maple tree has thin roots and wide leaves.
  - No. A maple tree would not get the water it needs in a desert.
  - No. A maple tree would not get the sunlight it needs in a desert.

Use the picture and words to answer Questions 11 and 12.



**Plant A**



**Plant B**

Two students put Plant A in a sunny place. They put Plant B in a dark place. They water both plants, and they watch them for one month.

- 11** By comparing the two plants, the students can show \_\_\_\_\_.
- why plants need sunlight
  - why plants need water
  - how tall a plant can grow
  - how a plant makes seeds
- 12** When are the two plants most alike?
- On the first day of the activity
  - After one week
  - After two weeks
  - After one month



**13** Students start an activity at the time shown on the clock. What will the clock look like 15 minutes later?



**14** Do people ever eat the roots of plants?

- Yes. Carrots and radishes are roots.
- Yes. Apples, berries, and other fruits are roots.
- Yes. Peas, corn, and other seeds are roots.
- No. People do not eat roots.

ANSWER KEY and CORRELATIONS:

Question	Answer	TAKS	McGraw-Hill Science Grade 2 textbook
1	Roots	2.9A	p. 4
2	Leaves	2.9A	p. 5
3	Look at the plant, but do not touch it.	3.1A	p. 6
4	observe	5.2B	p. 6
5	The picture shows the life cycle.	5.6C	p. 8
6	Hand lens	5.4A	p. 7
7	Seed	2.9A	p. 14
8	Plants use pollen to make seeds.	2.9B	p. 13
9	They need water, sunlight, and soil.	2.9B	p. 18
10	No. A maple tree would not get the water it needs in a desert.	2.9B	pp. 18, 20
11	why plants need sunlight	5.2C, 2.9B	p. 3
12	On the first day of the activity	5.2A, 5.2B	p. 3
13	(Clock that shows 9:45)	5.4A	p. 17
14	Yes. Carrots and radishes are roots.	3.3B	p. 4