

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet

Ability of a Material to Absorb Water

A. Read and answer each item carefully. Encircle the letter of the correct answer.

1. The picture at the right shows a flower in full bloom. The nutrients of this flower are carried from its roots to its other parts. What property of material is shown?



- A. absorption
B. decaying
C. floating
D. sinking

2. Which of the following materials CANNOT absorb water?

- A. books
B. clothes
C. metal spoon and fork
D. rolled tissue paper

3. The floor mop shown in the picture at the right is an effective cleaning tool used to absorb water. What property accounts for its better absorption of water?



- A. biodegradability
B. capillarity
C. porosity
D. recyclability

4. The roots of plants are necessary to acquire the nutrients from the soil needed by the plants to grow. What process makes the nutrients carried from the soil to the roots and then to the plants?

- A. biodegradability
B. buoyancy
C. capillarity
D. porosity

5. The illustration below shows a potato plant in a cup that was originally filled with water. Which of the following sentences best explains why the cup does not contain water anymore?

- A. The water was absorbed by the roots of the potato plant.
B. Maybe the cup was made of absorbent material.
C. The water in the cup evaporated.
D. Maybe the cup leaked.



B. Below is a set of materials. Color the absorbent material **blue** and the nonabsorbent **orange**.

Glass vase	Raincoat	Mop	Face towel	Paper cup
Cotton balls	Plant roots	Cotton fabric	Metal coin	Rubber band