



The Morton Arboretum

Vocabulary Activity – Plant Structural Adaptations: 4th - 8th Grade Fill-in-the-Blank

Name: _____

Fill in the blanks with the following vocabulary words

Non-Vascular Seed Dispersal

Tap Roots Fibrous Roots

Vascular

1. _____ spread out in many directions and help hold soil in place.
2. Plants with special tubes to carry water and nutrients to the leaves for photosynthesis and food to the rest of the plant are _____.
3. Some prairie plants have _____ in order to reach water deep in the soil.
4. Plants are spread away from the parent plant by _____ possibly by wind, water, animal transport or consumption.
5. If a plant has no tubes for transporting sap, it is considered a _____.



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Answers:

1. Fibrous roots spread out in many directions and help hold soil in place.
2. Plants with special tubes to carry water and nutrients to the leaves for photosynthesis and food to the rest of the plant are vascular.
3. Some prairie plants have tap roots in order to reach water deep in the soil.
4. Plants are spread away from the parent plant through seed dispersal possibly by wind, water, animal transport or consumption.
5. If a plant has no tubes for transporting sap, it is considered a non-vascular.