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**.