

Name \_\_\_\_\_

**S.E.E.D.S. Field Trip**  
**3<sup>rd</sup> Grade Pre-test**

*Using the word box below, answer questions 1-8.*

1. The three stages of a plant's life are \_\_\_\_\_, survival, and reproduction.
2. The dark rings we see on tree stumps are created when the tree is in its \_\_\_\_\_ stage.
3. Sometimes plants do not grow well on the forest floor because there is not enough \_\_\_\_\_ reaching through the taller trees.
4. Ferns often grow along a creek because they need a great deal of \_\_\_\_\_ to survive.
5. The type of soil with the most nutrients is called \_\_\_\_\_.
6. Pollination is important for a plant to be able to produce \_\_\_\_\_.
7. The type of soil that is reddish in color is called \_\_\_\_\_.
8. Sand has a very \_\_\_\_\_ texture.

light	growth	loose	seeds
humus	clay	survival	water

*Circle TRUE or FALSE for the following questions.*

9. If you buried food scraps in soil, it would eventually decompose and become part of the soil.  
TRUE      FALSE
10. When material decomposes, it produces heat.  
TRUE      FALSE
11. All plants need a LOT of acid in the soil in order to grow properly.  
TRUE      FALSE
12. Good soil keeps water away from the plants roots.  
TRUE      FALSE

Name \_\_\_\_\_

**S.E.E.D.S. Field Trip**  
**3<sup>rd</sup> Grade Post-test**

*Using the word box below, answer questions 1-8.*

1. The three stages of a plant's life are \_\_\_\_\_, survival, and reproduction.
2. The dark rings we see on tree stumps are created when the tree is in its \_\_\_\_\_ stage.
3. Sometimes plants do not grow well on the forest floor because there is not enough \_\_\_\_\_ reaching through the taller trees.
4. Ferns often grow along a creek because they need a great deal of \_\_\_\_\_ to survive.
5. The type of soil with the most nutrients is called \_\_\_\_\_.
6. Pollination is important for a plant to be able to produce \_\_\_\_\_.
7. The type of soil that is reddish in color is called \_\_\_\_\_.
8. Sand has a very \_\_\_\_\_ texture.

light	growth	loose	seeds
humus	clay	survival	water

*Circle TRUE or FALSE for the following questions.*

9. If you buried food scraps in soil, it would eventually decompose and become part of the soil.  
TRUE      FALSE
10. When material decomposes, it produces heat.  
TRUE      FALSE
11. All plants need a LOT of acid in the soil in order to grow properly.  
TRUE      FALSE
12. Good soil keeps water away from the plants roots.  
TRUE      FALSE

Name \_\_\_\_\_

**S.E.E.D.S. Field Trip  
Teacher's Test Key**

*Using the word box below, answer questions 1-8.*

1. The three stages of a plant's life are GROWTH, survival, and reproduction.
2. The dark rings we see on tree stumps are created when the tree is in its SURVIVAL stage.
3. Sometimes plants do not grow well on the forest floor because there is not enough LIGHT reaching through the taller trees.
4. Ferns often grow along a creek because they need a great deal of WATER to survive.
5. The type of soil with the most nutrients is called HUMUS.
6. Pollination is important for a plant to be able to produce SEEDS.
7. The type of soil that is reddish in color is called CLAY.
8. Sand has a very LOOSE texture.

light	growth	loose	seeds
humus	clay	survival	water

*Circle TRUE or FALSE for the following questions.*

9. If you buried food scraps in soil, it would eventually decompose and become part of the soil.  
TRUE      FALSE
10. When material decomposes, it produces heat.  
TRUE      FALSE
11. All plants need a LOT of acid in the soil in order to grow properly.  
TRUE      FALSE
12. Good soil keeps water away from the plants roots.  
TRUE      FALSE

Dear Parent or Guardian,

Today your third grader went on a field trip. Ask him/her to tell you about the rings on tree stumps, what things affect plant growth, and how bees help plants to produce seeds. Also ask them to name the different soil types and why they buried lunch scraps in the soil. If you have a minute, please write a note to let me know what your child enjoyed most from their experience with science in nature. Thank you for supporting your child's education.

Thank you,

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