

Learning Target: I will be able to describe and explain the differences between seed producing and non-seed producing plants.

**Seed Producing vs. Non-seed Producing Plants Video Notes**



1. What is the difference between vascular and nonvascular plants? \_\_\_\_\_
2. Seed producing plants make up \_\_\_\_\_ of the plants on earth. Seed producing plants have \_\_\_\_\_ systems that allow them to \_\_\_\_\_ materials like \_\_\_\_\_ and other nutrients throughout their entire structure to help them \_\_\_\_\_.
3. Why don't seed producing plants have to live near water? \_\_\_\_\_
4. Most vascular plants are \_\_\_\_\_ producing plants and are also known as \_\_\_\_\_.
5. Seed producing plants depend on \_\_\_\_\_ and wind for their seeds to \_\_\_\_\_ to other similar seed producing plants in order to \_\_\_\_\_.
6. What are the two main types of seed producing plants? \_\_\_\_\_
7. Angiosperms are seed-producing \_\_\_\_\_ plants. Angiosperms seeds are \_\_\_\_\_ the plant. They often show flowers before they bear \_\_\_\_\_.
8. What are three examples of angiosperms? \_\_\_\_\_
9. The other types of vascular seed producing plants are \_\_\_\_\_, which are seed-producing \_\_\_\_\_ plants. Gymnosperms produce naked seeds that are \_\_\_\_\_ inside the plant. What are some examples of gymnosperms? \_\_\_\_\_

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**Quick Check for Understanding:** Take two minutes to write your responses and be prepared to share out with the class. You got this!

What are three things you have learned about vascular or seed producing plants? \_\_\_\_\_

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10. Nonvascular non-seed producing plants or \_\_\_\_\_ are plants that do not have \_\_\_\_\_ to transport materials. Nonvascular plants have to \_\_\_\_\_ their nutrient rich environment in order to survive.

11. What are two examples of non-seed producing plants? \_\_\_\_\_  
What do they produce instead of seeds? \_\_\_\_\_. An example of a fungi is a \_\_\_\_\_

12. What is a spore? \_\_\_\_\_  
Spores are involved in \_\_\_\_\_ just like \_\_\_\_\_.

13. Spores have \_\_\_\_\_ walls. They can resist \_\_\_\_\_ temperatures, humidity, and other environmental conditions. They can travel by \_\_\_\_\_, but must land in a \_\_\_\_\_ place for them to be able to \_\_\_\_\_.

**Quick Check for Understanding!**

What are three differences between seed producing and non-seed producing plants? \_\_\_\_\_

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