Plant Life Cycles

Grade 3 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Which stage comes right before an apple forms on a tree?

   the seedling the apple blossom the young tree the seed

2. Corn grows from seed to sprout to a tall plant with ears of corn. What happens next?

   the kernels can be planted as new seeds

   the corn turns back into a sprout

   the tassels grow into roots

   the leaves become new kernels

3. Why is a plant's life cycle called a cycle?

   each plant lives forever

   the stages can happen in any order

   every plant grows to the same height

   new seeds start the same stages again

4. A pumpkin vine has many flowers, but no bees visit. What is most likely?

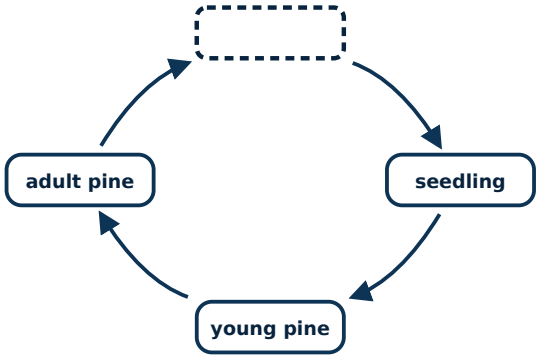
   few pumpkins will form

   the vine will grow taller

   more pumpkins will form

   the leaves will turn into pumpkins

5. Look at the pine tree life cycle. Which stage is missing?



   fruit spore flower seed

6. Coconuts can float. How does this help a coconut palm?

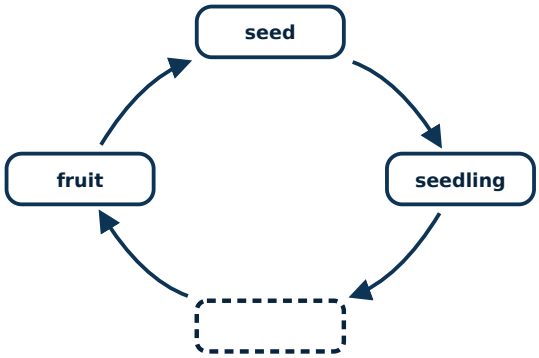
its seeds stay dry under the tree

its leaves can float to new places

its roots can drink seawater

its seeds can travel by water to new places

7. Look at the tomato plant life cycle. Which stage is missing?



stem leaf flower root

8. Which stage of a strawberry plant can make new seeds?

the adult plant with flowers

the young plant with leaves

the seedling

the seed in the soil

9. What must happen to a flower before it can make seeds?

it must lose all its leaves

its petals must fall off first

pollen must reach it

its roots must stop growing

10. How is a pine tree's life cycle different from an apple tree's?

pine trees grow from spores

pine seeds form in cones, not in fruit

pine trees skip the seedling stage

pine trees never make seeds

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Answer Key - Grade 3 Science Worksheet

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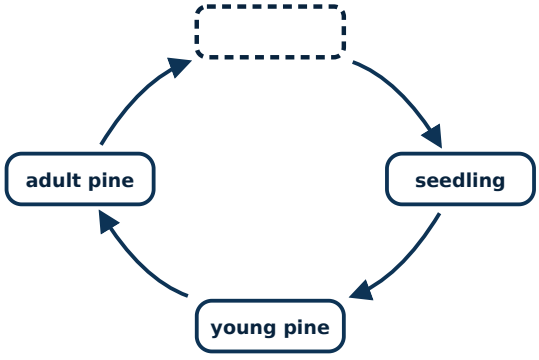
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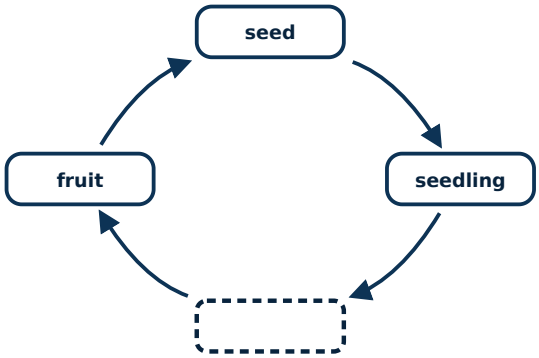
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