Plant Life Cycles

Grade 3 Science Worksheet

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Name _____ Date _____

Circle the answer.

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

   it must lose all its leaves

   its roots must stop growing

   pollen must reach it

   its petals must fall off first

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

   pine trees never make seeds

   pine trees skip the seedling stage

   pine seeds form in cones, not in fruit

   pine trees grow from spores

3. A fern does not make seeds. What does a fern use to start new ferns?

   spores bulbs fruit cones

4. Wind blows dandelion seeds far from the parent plant. How does this help?

   the parent plant grows more flowers

   the seeds turn into flowers right away

   new plants get space to grow

   the seeds grow faster in the air

5. Maple seeds have wings and spin as they fall. What does this help the seeds do?

   travel away from the parent tree

   hold more water

   stay right under the parent tree

   grow leaves while falling

6. A sunflower dies after it makes seeds. Does its life cycle end?

no, its seeds can grow into new sunflowers

yes, seeds cannot grow without the parent

no, the dead plant grows again from its stem

yes, the cycle stops when it dies

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

the young tree the seed the seedling the apple blossom

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

the leaves become new kernels

the tassels grow into roots

the corn turns back into a sprout

the kernels can be planted as new seeds

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

new seeds start the same stages again

every plant grows to the same height

the stages can happen in any order

each plant lives forever

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

the leaves will turn into pumpkins

few pumpkins will form

the vine will grow taller

more pumpkins will form

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Answer Key - Grade 3 Science Worksheet

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