Plant Life Cycles

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

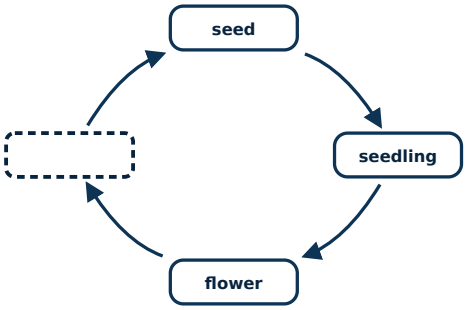
1. Which plant makes new plants from spores instead of seeds?
   pine tree maple tree bean plant fern

2. Burrs stick to an animal's fur. What does this do for the plant?
   helps the plant drink water
   carries its seeds to new places
   protects the leaves from insects
   keeps the animal away from the plant

3. A sunflower lives for one season. An oak tree lives for hundreds of years. What do both life cycles share?
   both make new plants from spores
   both make seeds in their first month
   both grow from seeds and make new seeds
   both stay the same size for life

4. Bees disappear from a meadow for several years. What would most likely happen to the number of wildflowers?
   it would go down, because fewer seeds form
   it would go up, because leaves would grow bigger
   it would go up, because more pollen stays in flowers
   it would stay the same, because flowers do not need seeds

5. Look at the strawberry life cycle. The missing stage is where the seeds are found. Which stage is it?



   leaf fruit root flower

6. Two bean plants grow side by side. One flowers and makes pods. The other is eaten by a rabbit as a seedling. Which plant can continue its life cycle?
   the plant that made pods
   both plants equally
   the seedling the rabbit ate
   neither plant

7. A child opens a pea pod and finds 6 peas. What are the peas?
   fruits that will grow into pods
   seeds that could grow into new pea plants
   leaves folded up tight
   flowers that have not opened

8. Why do many plants make far more seeds than will ever grow?
   seeds grow only when many are together
   each plant needs hundreds of seeds to stay alive
   extra seeds turn into leaves later
   many seeds land in bad places or get eaten

9. A student says a seedling is the first stage of a plant's life cycle. What is wrong with this idea?
   the fruit is the first stage
   the seedling grows from a seed, which comes first
   the adult plant always comes first
   seedlings grow from flowers

10. Which seed is best suited to travel by wind?
   a seed with sticky hooks
   a seed inside sweet fruit
   a light seed with fluffy hairs
   a heavy seed with a hard shell

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Answer Key - Grade 3 Science Worksheet - Challenge Me

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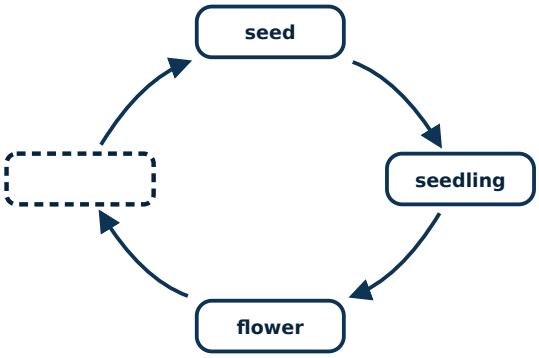
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