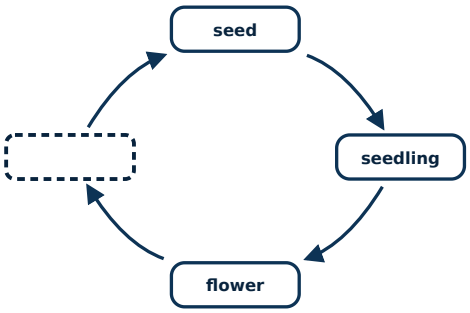
Plant Life Cycles

Grade 3 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

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



root fruit leaf flower

2. 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 seedling the rabbit ate
   - the plant that made pods
   - neither plant
   - both plants equally

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

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

5. 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 adult plant always comes first
   - seedlings grow from flowers
   - the seedling grows from a seed, which comes first

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

7. A cherry tree flowers in spring, makes cherries in summer, and drops its leaves in fall. In which season do its new seeds form?
summer fall winter spring

8. In a fern's life cycle, spores grow into young ferns, which become adult ferns. Where do the spores form?
inside cones on the stem
in fruit at the tip of each leaf
on the underside of the adult fern's leaves
inside the fern's flowers

9. A bean plant and a pine tree both start as seeds. What is one difference in their life cycles?
the bean makes spores; the pine makes seeds
the bean has no seedling stage; the pine does
the bean makes seeds in pods; the pine makes seeds in cones
the bean makes seeds in cones; the pine makes them in pods

10. Tomato plants grow in a closed greenhouse with no insects. They flower but make very few tomatoes. What is the best explanation?
no insects carried pollen between flowers
the flowers grew too many petals
the plants got too much sunlight
the seeds were planted too deep

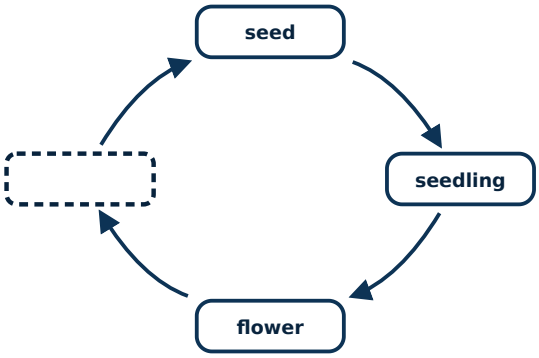
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Answer Key - Grade 3 Science Worksheet - Challenge Me

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(the plant that made pods)

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