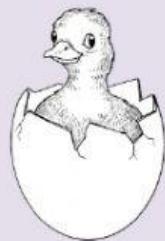


# Primary Four Science



## THEME 3:

### CYCLES

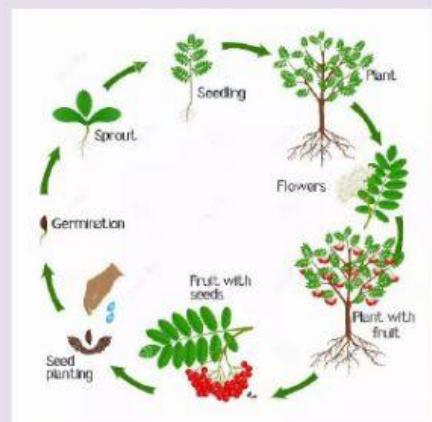
#### Unit 1: Life Cycles



1. A \_\_\_\_\_ is something that happens again and again.
2. We have many cycles that happen around us everyday like the \_\_\_\_\_ rising in the morning and then setting in the evening.
3. \_\_\_\_\_ cycles are all the stages in the life of a living thing.

#### Life cycles of plants

4. Most flowering plants have a lifecycle that begins with a \_\_\_\_\_.
5. The seed grows into a \_\_\_\_\_.
6. The seedling grows into an \_\_\_\_\_ plant.
7. The adult plant then bears \_\_\_\_\_.
8. The flower then becomes the \_\_\_\_\_.
9. Inside the fruit are the \_\_\_\_\_.
10. Many seeds are planted and grow in \_\_\_\_\_.



11. Plants need air, \_\_\_\_\_ and light to grow healthy and stay alive.

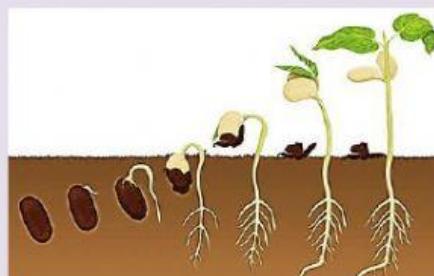


12. Plant needs good soil with many \_\_\_\_\_.

13. To make poor soil better, we can add extra nutrients in \_\_\_\_\_.

14. We can grow plants in water without soil. We call this \_\_\_\_\_.

15. Some examples of flowering plants which grow from seeds are mung \_\_\_\_\_, \_\_\_\_\_ and coconut palm.



Mung bean plant

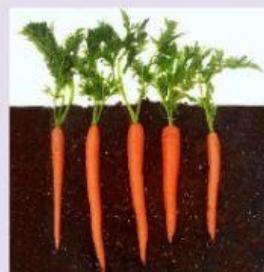
#### Life cycles of plants without seeds

16. Some plants do not grow from seeds. They grow from other parts like \_\_\_\_\_.

17. Sweet \_\_\_\_\_ and \_\_\_\_\_ can grow from roots.

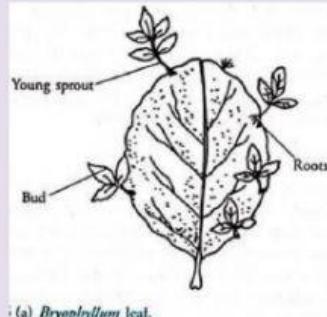


Sweet potato root



carrot root

18. Some plants can grow from leaves such as the Bryophyllum. The leaves are cut from the adult plant and placed in \_\_\_\_\_. New roots will appear and a new \_\_\_\_\_ grows.



Bryophyllum plant

19. Potatoes, \_\_\_\_\_, ginger, \_\_\_\_\_ and beets can grow from \_\_\_\_\_ stems.

20. The underground stem is placed in soil and then new \_\_\_\_\_ appear and a new plant grows.



Onion



ginger