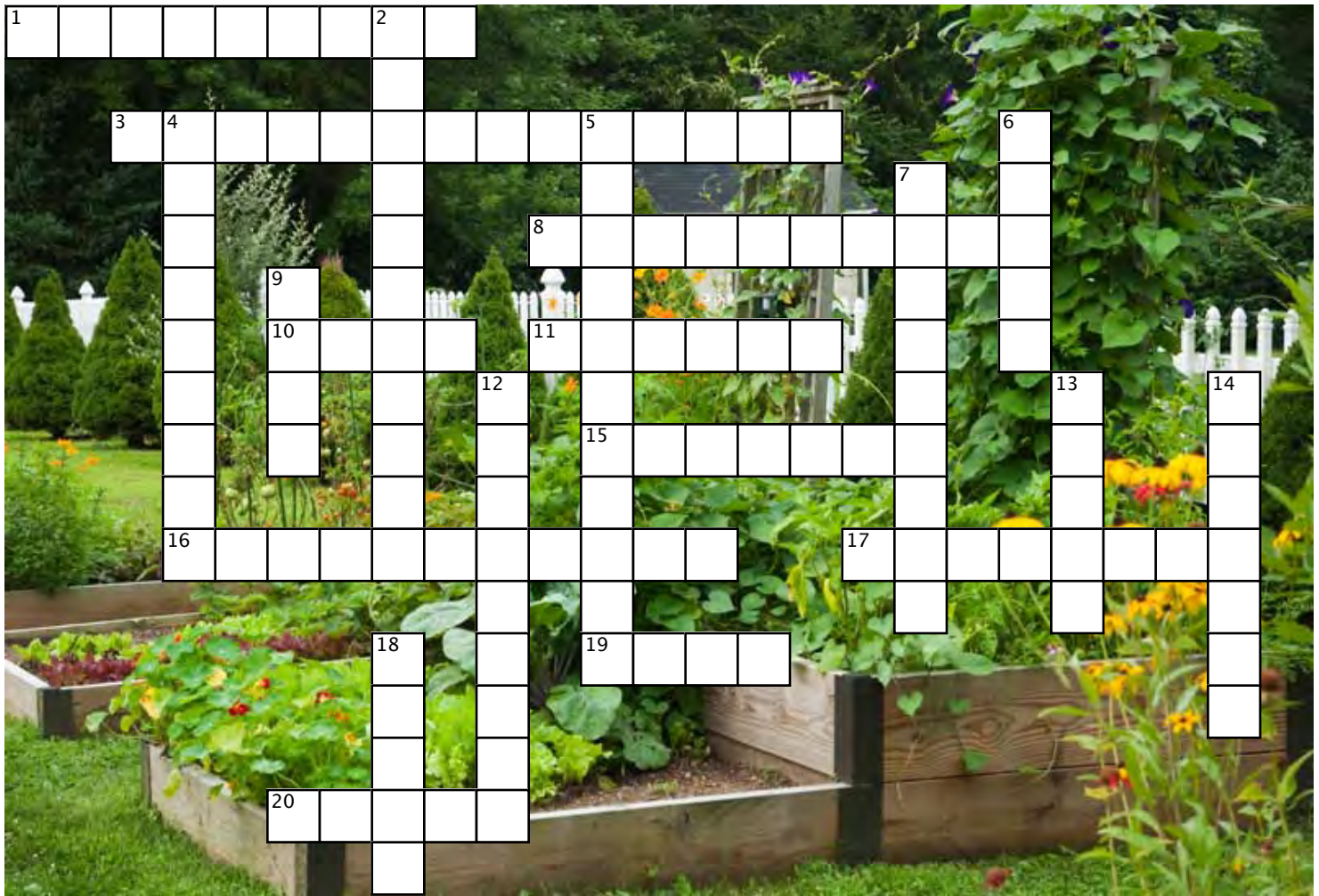


# Unit B - Plants for Food and Fibre Review

Science 7  
ADLC



## Across

1. Water travels up tiny tubes in plant stems through \_\_\_\_\_ action.
3. What is the process of plants using carbon dioxide and water to make sugar and oxygen?
8. An example of a plant \_\_\_\_\_ is a cactus having thick waxy skin to prevent evaporation of water in a dry climate.
10. What type of soil has a good balance of humus and minerals?
11. What is the small sticky substance that male flowers produce?
15. When the water concentration outside the plant roots is higher than the water concentration inside the plant roots, water moves into the roots by the process of \_\_\_\_\_.
16. Genetic \_\_\_\_\_ involves humans changing the genes in plant cells to make seeds with desired traits.
17. Planting different crops in a field every year to keep soil healthy is called crop \_\_\_\_\_.
19. What is the plant structure that transports nutrients and water to all parts of the plant?
20. When the \_\_\_\_\_ in a female flower is pollinated, it turns into a seed.

## Down

2. Cellular \_\_\_\_\_ is the process of plants using sugar and oxygen to obtain energy.
4. A chemical used to kill weeds is a \_\_\_\_\_.
5. The name of the technology used to grow plants without soil is \_\_\_\_\_.
6. What type of soil does not hold water or nutrients very well?
7. What is the process of a substance moving into a plant cell because a higher concentration of the substance exists outside the cell than is inside the cell?
9. What type of soil has lots of minerals but very little humus?
12. \_\_\_\_\_ breeding involves choosing two specific plants and cross-pollinating them to make seeds with desired traits.
13. What is the plant structure that provides support for the plant in the soil?
14. The long stems above soil that strawberry plants use for reproduction are \_\_\_\_\_.
18. What is the organic material in soil called?