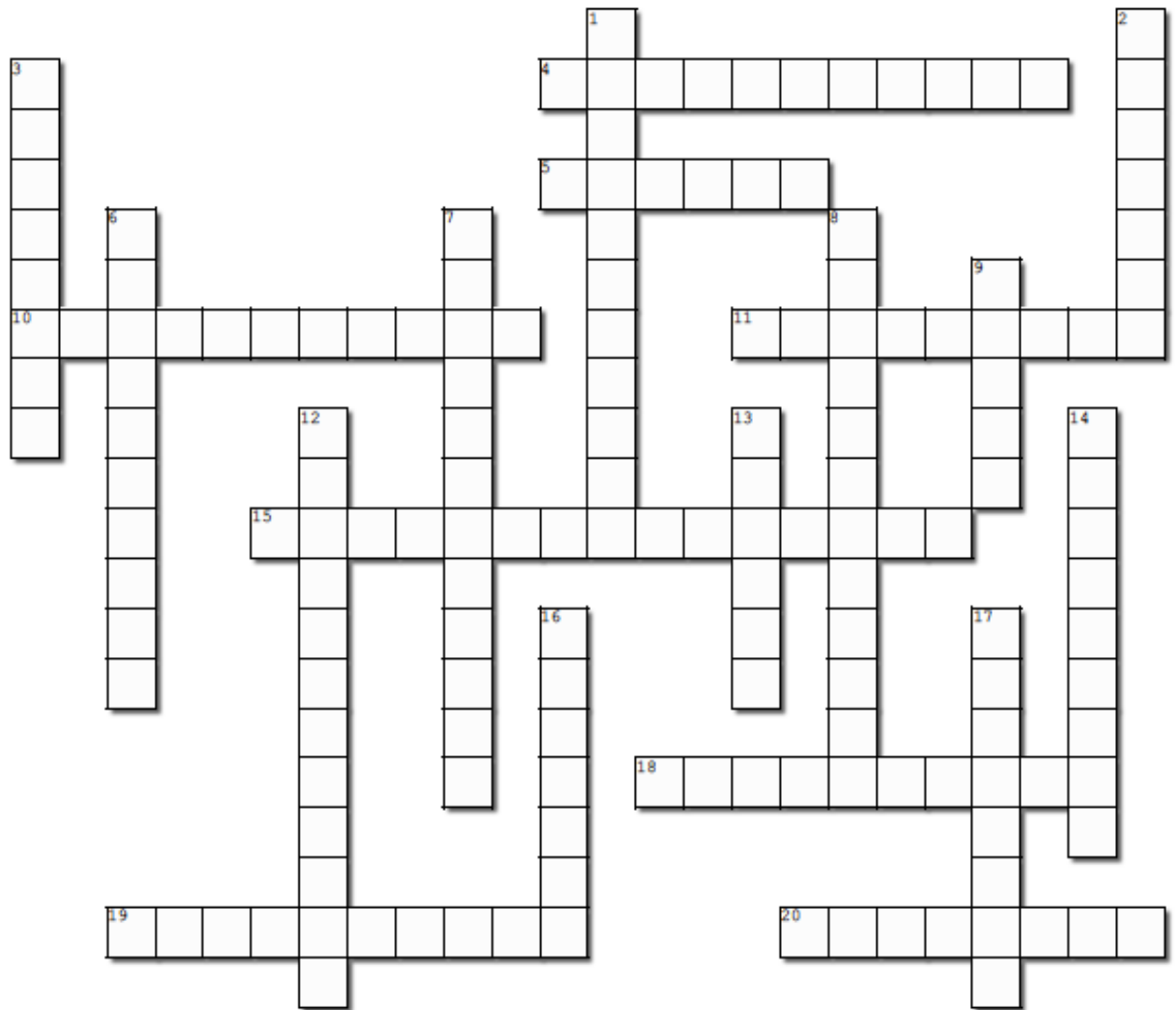




## ACTIVITIES

Use the words on this list to help you to complete the puzzle, and fill in the missing words in the sentences on the following pages.

<b>agriculture</b>	noun	the science and work of raising crops and farm animals; farming
<b>asteroid</b>	noun	a small, rocky, planet-like body that circles the sun, mostly found between the orbits of Jupiter and Mars
<b>atmosphere</b>	noun	the gases surrounding the earth or other similar objects in outer space
<b>beaker</b>	noun	an open glass container with a flat bottom and a pouring spout, used for pouring liquids in a laboratory
<b>carbohydrate</b>	noun	a compound made of carbon, hydrogen, and oxygen. Sugars and starches are carbohydrates
<b>chlorophyll</b>	noun	the green matter in the leaves and stems of plants that is necessary to produce food for plants from sunlight
<b>cholesterol</b>	noun	a white substance, found in the tissues of humans and animals, which acts to clean the bloodstream and surrounds certain nerves
<b>crystallisation</b>	noun	to change into or cause to become crystals
<b>ecosystem</b>	noun	the living things in one place and their relationship to each other and to where they live
<b>fermentation</b>	noun	the chemical change of a sugar into alcohol
<b>fungi</b>	noun	plants without leaves or flowers that grow on other plants or on decayed material
<b>hypothesis</b>	noun	a prediction or educated guess that can be tested and can be used to guide further study
<b>insecticides</b>	noun	a poison used to kill insects
<b>insoluble</b>	adjective	impossible to dissolve, esp. in a given liquid
<b>nutrient</b>	noun	a nourishing substance; something in food that helps people, animals, and plants live and grow
<b>perishable</b>	adjective	likely to spoil or rot in a short time
<b>rickets</b>	noun	a disease of children characterized by softening and deformity of the bones, usu. resulting from malnutrition or a lack of vitamin D, calcium, or sunlight
<b>saturate</b>	verb	to fill or soak completely
<b>sodium</b>	noun	a soft, silver-white metal that is a chemical element
<b>syringe</b>	noun	a device for sucking in a liquid and squirting it out



### **Across**

- 4.** a white substance, found in the tissues of humans and animals
- 5.** a soft, silver-white metal that is a chemical element
- 10.** the science and work of raising crops and farm animals; farming
- 11.** impossible to dissolve
- 15.** to change into or cause to become crystals
- 18.** the gases surrounding the earth or other similar objects in outer space
- 19.** a prediction or educated guess
- 20.** a nourishing substance

### **Down**

- 1.** the green matter in the leaves and stems of plants
- 2.** a device for sucking in a liquid and squirting it out
- 3.** to fill or soak completely
- 6.** likely to spoil or rot in a short time
- 7.** the chemical change of a sugar into alcohol
- 8.** a poison used to kill insects
- 9.** plants that grow on other plants or on decayed material
- 12.** a compound made of carbon, hydrogen, and oxygen
- 13.** an open glass container used for pouring liquids in a laboratory
- 14.** the living things in one place
- 16.** a disease of children
- 17.** a small, rocky, planet-like body that circles the sun



### FILL IN THE MISSING WORD

1. \_\_\_\_\_ is a very common mineral.
2. We need to \_\_\_\_\_ this substance with water.
3. If you leave salt and water in a petri dish, \_\_\_\_\_ of the salt will occur.
4. He is studying \_\_\_\_\_ because he wants to be a farmer.
5. This experiment involved a Bunsen burner, glass \_\_\_\_\_, and a chemical, among other things.
6. The paints become \_\_\_\_\_ in water once they are dry.
7. The \_\_\_\_\_ orbited the sun in space between Mars and Jupiter.
8. Iron is an essential \_\_\_\_\_ in our diets.
9. Bee populations are threatened by our heavy use of \_\_\_\_\_ on crops.
10. Children who have insufficient vitamin D may get a disease called \_\_\_\_\_.
11. My \_\_\_\_\_ is that the grass is greener on the other side because my neighbour uses fertiliser.
12. Every green leaf contains \_\_\_\_\_.
13. Eating yoghurt can help lessen \_\_\_\_\_ in the blood stream.
14. All sorts of \_\_\_\_\_ grow in warm, moist conditions.
15. If you kill off one kind of insect, you disturb the whole \_\_\_\_\_.
16. The nurse used a \_\_\_\_\_ to give me an injection.
17. Part of the sun's energy is absorbed by the earth's \_\_\_\_\_.
18. Wine-making involves the \_\_\_\_\_ of grapes.
19. Please donate the \_\_\_\_\_ food, or it will spoil.
20. A balanced meal should contain at least one \_\_\_\_\_, such as potatoes.

**Study Tip:** Write each word that you do not know **seven times**. It will help you remember how to spell it! Try and use as many words in your conversations.