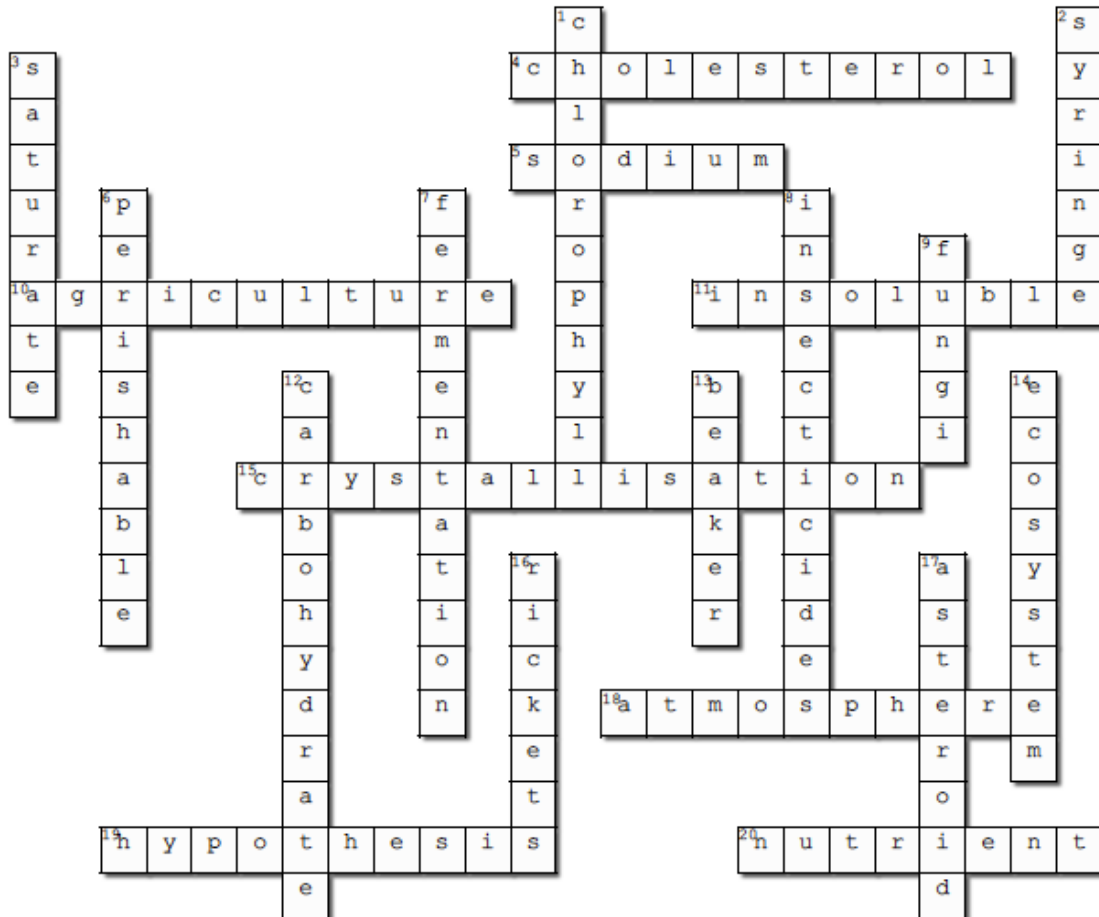


## ANSWERS



### Across

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

### Down

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



### FILL IN THE MISSING WORD

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