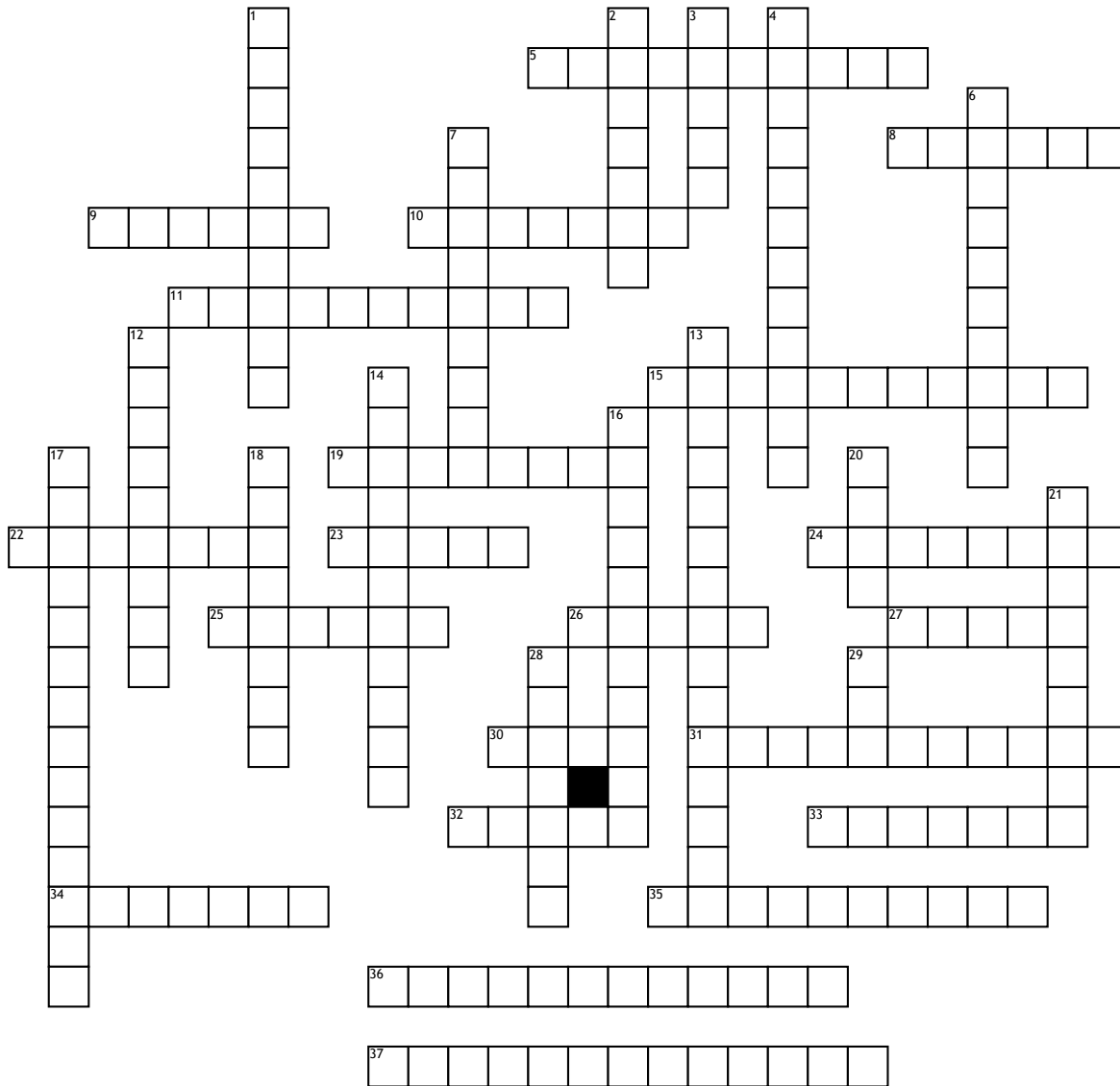


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Biology Year 10



## Across

5. A \_\_\_\_\_ is a chemical that can cause cancer.
8. What type of pathogen causes Rose Black Spot?
9. A drug that was originally extracted from willow tree bark.
10. What is the useful product of photosynthesis for the plant?
11. How can you treat Athletes foot? \_\_\_\_\_ cream
15. What type of trial is it called when the patients and doctors don't know what type of drug is being tested only the scientist knows?
19. What type of pathogen is Salmonella?
22. What type of pathogen causes malaria?
23. What are the hairs called in the windpipe that can trap microorganisms that try to enter the body.
24. What type of pathogen is gonorrhoea?
25. What is the only way a male with HIV will stop giving the pathogen to his partner during sex? Use a \_\_\_\_\_
26. Which pathogen enters the cell? An example is the flu.
27. What type of pathogen is Athletes Foot?
30. What first line of defence has hairs that can trap microorganisms on hairs when you breathe in?
31. Inside the chloroplasts is a green pigment called \_\_\_\_\_
32. What part of the first line of defence has a high salt content that dries up microorganisms when they try and enter the body?

33. What do they test drugs on before they are tested on human volunteers?

34. Type 1 diabetes is caused by low \_\_\_\_\_ levels.

35. The first antibiotic discovered by Alexander Fleming in 1928.

36. Some white blood cells can 'eat' bacteria. The scientific name for this is \_\_\_\_\_

37. The reactants of photosynthesis is water and \_\_\_\_\_ .

## Down

1. A medicine that destroys bacteria, not viruses!
2. A protist often needs a \_\_\_\_\_ to transfer the pathogen. The example for malaria is the mosquito.
3. What type of pathogen is HIV?
4. What is the type of disease called where it can spread to other organisms?
6. White blood cells produce \_\_\_\_\_ that attach to the antigen of the pathogen.
7. A \_\_\_\_\_ tumour is one that can spread to other parts of the body via the bloodstream.
12. If a bacteria cannot be killed by a certain antibiotic we say that it has become \_\_\_\_\_
13. What is the type of disease called where it cannot spread to other organisms?
14. A drug that caused serious arm and leg deformities in children as the drug had been prescribed for morning sickness in pregnant mothers but was not tested in this way.

16. What type of medicine treats the symptoms of the disease but doesn't do anything to get rid of the disease?

17. Smoking causes \_\_\_\_\_ to be carried by the red blood cells rather than oxygen. Which reduces the amount of oxygen getting to tissues in the body.

18. What is a microorganism that causes a disease called?

20. Vaccination contains a small amount of inactive or \_\_\_\_\_ pathogen

21. A heart drug that is extracted from foxgloves.

28. In the first line of defence the \_\_\_\_\_ has a very low pH to kill of bacteria

29. Smoking cigarettes causes a carcinogen called \_\_\_\_\_ to build up in your lungs