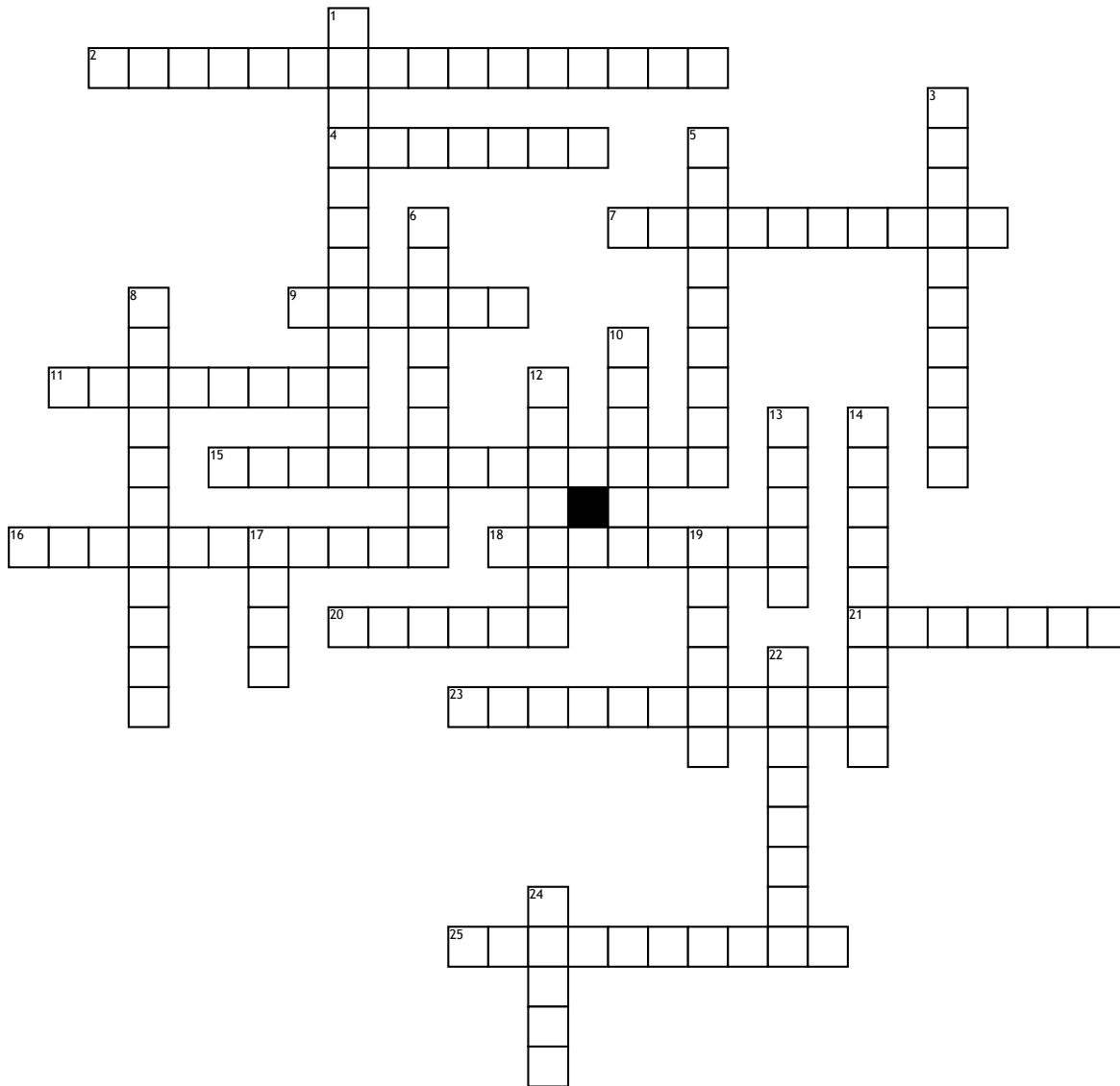


Name: _____

Date: _____

KS3 Microbes



Across

2. Scientist who first discovered antibiotics by accidentally dropping some breadcrumbs on some bacteria he was growing
 4. Marker on the outside of a cell which has a particular shape and is recognised by a lymphocyte
 7. An implement you would use to look at microorganisms
 9. An insect or other animal which transmits a pathogen to another animal, often by biting
 11. A harmful microorganism
 15. A living organism too small to see with the naked eye
 16. Lymphocytes which live on in the blood after an infection
 18. Small rings of DNA in a bacterium

20. A microorganism with a nucleus and a cell wall

21. A disease caused by a bacterium spread through the water

23. Surrounds the DNA of a virus

25. A disease caused by a virus, much more serious in adults

Down

1. Pioneer of vaccinations; vaccinated a boy against smallpox

3. Type of white blood cell which produces antibodies

5. A micro-organism with no nucleus

6. Changes in DNA which viruses such as the flu virus undergo, meaning a new vaccine is needed every year

8. A type of drug used to kill bacteria

10. A disease caused by a virus, contracted by bitten by infected animals such as dogs and bats. One symptom is a fear of water

12. A disease caused by a virus which was massively reduced by a successful vaccination programme

13. A single celled fungus used to make bread and beer

14. Type of white blood cell which engulfs and digests pathogens

17. A common disease caused by the rhinovirus

19. What you become when you have had a disease once and cannot catch it again

22. The insect which transmits the malaria parasite to humans

24. The smallest type of pathogen