

# G5-Crossword#1

## Across

2. what can be used to predict something, but does not explain it?

3. An explanation for patterns in nature supported by empirical data

8. The official name for the metric system

12. The study of life

14. what is a statement based on evidence obtained from direct observation

15. A picture that displays information

18. Comparing results of an experiment

19. How an idea is tested

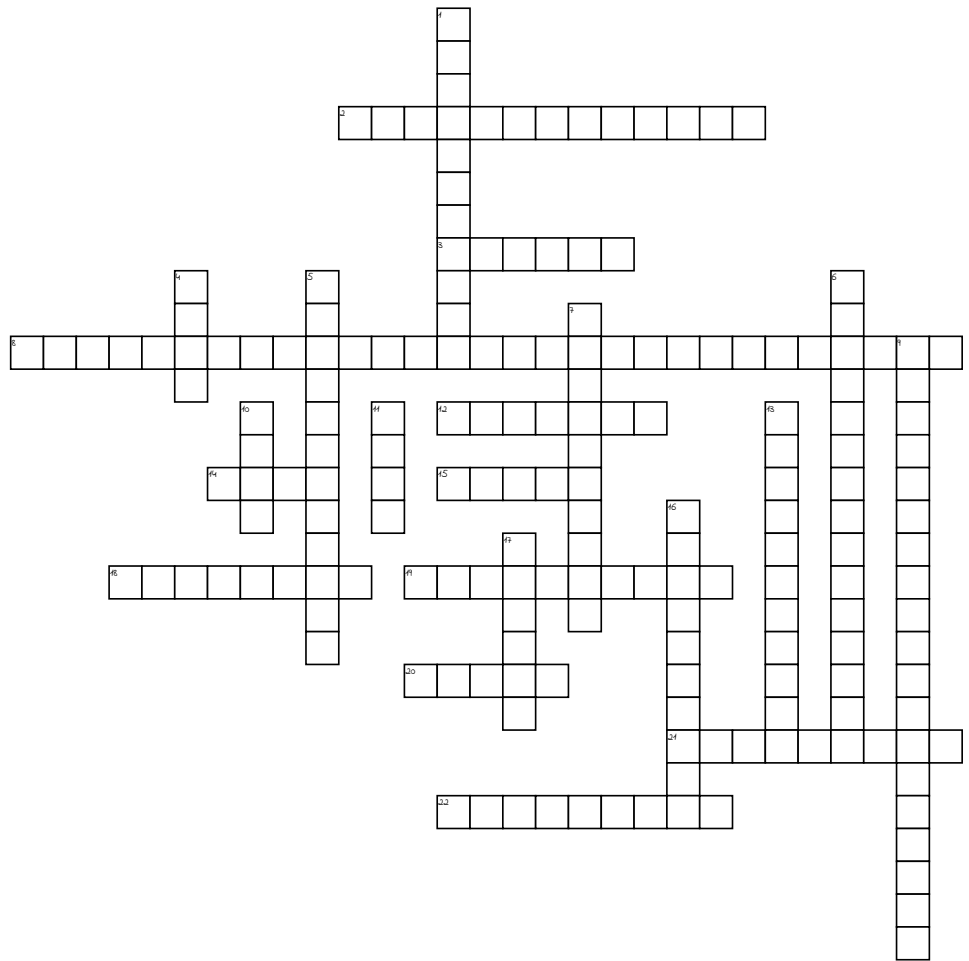
20. Each test performed in an experiment

21. Drawing a conclusion or judgement based on data

22. Name the variable that you measure in an experiment; responds to the independent variable

## Down

1. Information collected using senses (touch, taste, smell, sound, sight)



4. Information, measurements and materials gathered from observations that are used to help answer wuestions

5. Data that is based on measurable characteristics

6. Any variable that does not change during an experiment

7. A prediction; will be proved or disproved

9. The process that scientists use to learn and study things

10. The average, calculated by adding all the scores, then dividing by the number is scores

11. value that appears most often in a data set

13. Data collected using the senses

16. A judgement that tells whether the data does or does not support the hypothesis

17. The middle number in a sorted list of numbers