Scientific Enquiry Vocabulary

Select the correct term for each of the clues.

Clues
1. A method used to record measurements in rows and columns, making it easier to compare.
2. A way to display data that shows how one variable changes, when the other increases, using a series of points connected by a line.
3. A type of enquiry where trends are looked for in data or events that have occurred over a period of time.
4. The process of gathering information through your senses (seeing, hearing, touching) to identify trends, changes, or behaviours.
5. Making a best guess based on evidence or prior knowledge about what might happen in the future.
6. A process of finding information or answers by studying other people's work, books, or experiments.
7. A factor that is changed or manipulated in an experiment to observe its effect on the dependent variable.
8. The factors that are kept the same in an experiment to ensure that the results are not affected by other changes.
9. The factor that is measured in an experiment to determine the effects of the independent variable.
10. The process of sorting or categorizing things into groups or classes based on common characteristics.
11. Results that do not fit with the rest of the data, often due to errors or unusual conditions.
12. A graph that uses rectangular bars to present data, with each bar representing a group or category.
13. A type of enquiry that involves changing one variable, keeping all the others the same, and recording the outcome.
14. The final summary of an experiment that describes what the results show us, often indicating whether the prediction was correct.
15. The possibility of harm or danger occurring during an experiment.

LIVEWORKSHEETS