



How Science works Quiz

Quiz set by Ms. T. wint for Year 7/7TB/Sc

1) Which Variable is changed by the person completing the experiment?

- INDEPENDENT VARIABLE
- CONTROL VARIABLE
- DEPENDENT VARIABLE

2) Which variable is affected by the independent variable – it is the variable that you measure and record in your table.

- INDEPENDENT VARIABLE
- CONTROL VARIABLE
- DEPENDENT VARIABLE

3) Which variables are kept the same so that you can be sure that changes in the dependent variable are a result of changes made in the independent variable.

- DEPENDENT VARIABLES
- CONTROL VARIABLES
- INDEPENDENT VARIABLES

4) When you carry out an investigation, there are many things (factors) which can change, or vary. What are these factors called?

- RESULTS
- MEASUREMENTS
- VARIABLES

5) How many variables should you change during an investigation?

- FOUR
- ONE
- THREE
- TWO

6) Before you carry out your investigation, what should you make?

- VARIABLE
- GRAPH
- PREDICTION

7) In order to get your results, you will need to make observations or do what?

- TAKE PHOTOS
- TAKE MEASUREMENTS
- DRAW A GRAPH

8) Results can be displayed using what?

- A table
- A graph
- All of these

9) Identify this type of graph.

- line graph
- histogram
- bar chart

10) What sort of graph is this?

- histogram
- bar chart
- line graph



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