

Identifying Variables and Designing Investigations

3 kinds of variables:

1 Independent variable- something that is changed by the scientist

what is tested

what is manipulated

2 Dependent variable- something that might be affected by the change in the independent variable

what is observed

what is measured

the data collected during the investigation

3 Controlled variable- a variable that is not changed

also called constants

allow for a "fair test"

Students of different ages were given the same jigsaw puzzle to put together. They were timed to see how long it took to finish the puzzle.

Independent: Age

Dependent: time

Control: puzzle

Preview from Notesale.co.uk
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