

Directions: Cut out the terms and definitions below and glue them into your ISN. Fold at the mid-section and only glue down the right side to create a covered flashcard.

classify	Grouping things together based on specific characteristics
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control group	Group that the experimenter doesn't change. This group is used to compare results
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data	Information gathered from observations
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hypothesis	Prediction I predict that _____ IF...THEN...BECAUSE ____
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observation	Noticing objects or events using the 5 senses
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procedure	An ordered series of steps followed to help answer a question
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analysis	Breaking down something into parts to better understand the whole
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qualitative data	Data that is observable with the 5 senses
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quantitative data	Data that is measurable (mass, volume, length, quantity)
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repeated trials	Experimental tests done more than once
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scientific method	A process that uses observations and experiments to investigate a testable prediction about the universe
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variable	A factor that may change the experiment
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independent variable	A factor in the experiment that the scientist changes or manipulates
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dependent variable	A factor in the experiment that responds to the independent (changed) variable
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