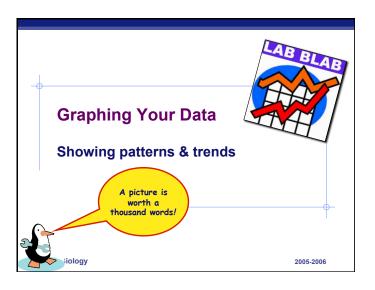
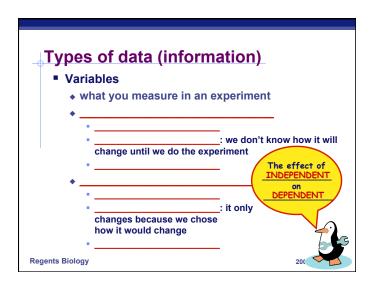
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Examples of experiments 1

How does fertilizer affect the growth rate of plants?

we set up an experiment testing different amounts of fertilizer on different plants & measuring the growth (height) of the plants:

dependent variable (Y-axis)?

independent variable (X-axis)?

■ How does exercise affect heart rate of 10th grade student?

• we set up an experiment testing different lengths of time of exercise (minutes) on the heart rate of students:

• dependent variable (Y-axis)?

• independent variable (X-axis)?

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Examples of experiments 3

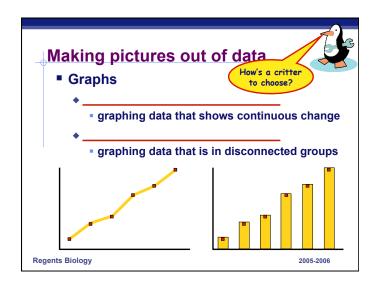
What's the favorite drink of students?

we set up an experiment surveying students and asking which is their favorite drink:

dependent variable (Y-axis)?

independent variable (X-axis)?

The effect of on



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