

DATA LOG EXAMPLE

What question am I trying to answer?

What effect does light have on the green substance?

What type of data (information) will I collect?

I will look for a color change.

How will I collect the information (making observations, measuring, using tools)?

I will look at the bottles every other day and compare the color of the substance to my color chart. Then I will write down the number of the color on my log.

What is my variable?

Light

Bottle 1: Control (variable does not change): stays in the light

Date	Observation or measurement	Data collected
10/1/22	observation	Color matches #2
10/3/22	observation	Color matches #2
10/5/22	observation	Color matches #3

Bottle 2: Variable changes: no light

Date	Observation or measurement	Data collected
10/1/22	observation	Color matches #2
10/3/22	observation	Color matches #2
10/5/22	observation	Color matches #1