## Experimental Design Diagram

Title The Effect of Different Aged Compost on Bean Plant Growth

Hypothesis If older compost is applied, then plant growth will be increased.

	IV: Age of Compost	
3 Month-old compost	6 Month-old compost	No Compost (control)
25 plants	25 plants	25 plants

DV: Height of plants (cm)

C: Amount of light Amount of water Amount of compost



- Based upon a rectangle.
- Independent Variable (IV): written across top of rectangle that is divided into labeled columns to represent different levels of the IV.
- Number of trials is indicated in each column.
- Dependent Variables (DV) and Constants (C) are written beneath rectangle.
- An appropriate experimental title and hypothesis are written above experimental design diagram.