



# Fair Test Variables Sorting Cards



## INDEPENDENT VARIABLE



The one thing you change.

## DEPENDENT VARIABLE



The thing you measure or observe.

## CONTROLLED VARIABLE



Things you keep the same.

## NOT A VARIABLE



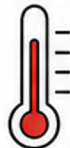
Does not affect the test.

### Amount of sunlight



Change the amount of light.

### Water temperature



Change the temperature of the water.

### Type of fertiliser



Change the type of fertiliser.

### Ramp height



Change the height of the ramp.

### Plant growth



Measure the height of the plant.

### Time to melt



Measure the time it takes to melt.

### Distance travelled



Measure how far it travels.

### Number of bubbles



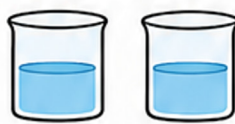
Count the number of bubbles.

### Same amount of water



Keep the amount of water the same.

### Same size containers



Use containers that are the same size.

### Same type of soil



Use the same type of soil.

### Same testing time



Test for the same amount of time.

### Colour of the pot



The colour does not affect growth.

### Brand of ruler



The brand does not affect length.

### Observer



Who observes does not change the result.

### Room decorations



Decorations do not affect the test.