

Name: _____

Date: _____ Section: _____ HR: _____



Forming A Hypothesis Using Cause and Effect

GROUP B

Scenario 1

Investigative Question: What happens to the speed at which a marble travels when the height of a ramp is changed?

Hypothesis: If the ramp is taller, the marble will roll at a greater pace.

Cause: _____

Effect: _____

Controlled Variables:

Variable Being Tested:

Scenario 2

Investigative Question: Which dishwashing detergent removes grease faster?

Hypothesis: If you use Brand X detergent it will remove grease faster than Brand Y.

Cause: _____

Effect: _____

Controlled Variables:

Variable Being Tested:

Scenario 3

Investigative Question: What will happen if salt is added to ice?

Hypothesis:

Cause: _____

Effect: _____

Controlled Variables:

Variable Being Tested:

Scenario 4

Investigative Question: What conditions affect the growth of seeds?

Hypothesis:

Cause: _____

Effect: _____

Controlled Variables:

Variable Being Tested:

Scenario 5

Investigative Question: What affects the amount of popped kernels you get when you microwave popcorn?

Hypothesis:

Cause: _____

Effect: _____

Controlled Variables:

Variable Being Tested:

Scenario 6

Investigative Question: What can affect the flight of a paper airplane?

Hypothesis:

Cause:

Effect:

Controlled Variables:

Variable Being Tested:

Scenario 7

Investigative Question: Does the size of the wheel affect the velocity of the car when rolled down a ramp?

Hypothesis:

Controlled Variables:

Variable Being Tested:

Scenario 8

Investigative Question: What habitat will an earthworm prefer?

Hypothesis:

Controlled Variables:

Variable Being Tested:

Scenario 9

Investigative Question: _____

Hypothesis: _____

Controlled Variables:

Variable Being Tested:

Scenario 10

Investigative Question: _____

Hypothesis:

Controlled Variables:

Variable Being Tested: