

### STEPS INQUIRY



# **Planning Our Investigation**

### **Step 1:** Observing & Questioning

Place sticky notes of the same colour in the space below.

Place sticky notes of a new colour in the space below.

### **OBSERVE**

See

Smell

Hear

Touch

Taste

























## STEPS INQUIRY



# **Planning Our Experiment**

Step 2(a): What could we measure or observe about the object, or event?

Brainstorm (Place sticky notes of the same colour in the space below.)

Step 2(b): What could we change or vary about the object or event that may affect what we could measure or observe?

Brainstorm (Place sticky notes of a new colour in the space below.)

**Variables** 

















### STEPS INQUIRY



## **Planning Our Experiment**

Step 3(a): What will we change?

ONE VARIABLE WE WILL CHANGE:

WE WILL MEASURE OR OBSERVE THIS RESULT:

Variable

(Place a sticky note from Step 2(b) here)

(Place a sticky note from Step 2(a) here)

Step 3(b): What will we not change?

**VARIABLES WE WILL NOT CHANGE:** 

What conditions will be held constant so it is a fair test? Place remaining sticky notes from Step 2(b) here.

**Unchanged Variables** 



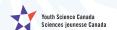














### STEPS IN INQUIRY



## **Planning Our Experiment**

Step 4: What is the question we want to explore?

If we change Changed Variable

what will happen to

## compared to our control?

**Step 5:** What is our prediction? State how we will change the variable and predict the outcome.

We predict that...

We think this will happen because...







