

Investigation

Is the acceleration due to gravity the same across the Solar System?

Equipment

Gravity simulator
Stopwatch



1. Make a Plan:

List the things you could **change**

List the things you could **measure**

What will you **change** (independent variable)?

What will you **measure** (dependent variable)?

What **height** will you drop the ball from?

What will you keep **the same** (control variables)?

2. Get Results:

Location	Measurement 1	Measurement 2	Measurement 3	Average

