[Lesson Title]

**Learning Goals**

[Please enter the lessons you want the student to walk away from the activity having learned

**Setup the Simulation**

1. Open Algodoo and under the ‘File’ tab, click ‘Load File’
2. Click “\_\_\_\_\_\_\_\_” – this is the experiment template we will be using for today’s exploration activity
3. Your screen should have this scene setup: [describe scene]

**Make Your Predictions!**

1. What do you think will happen when [enter an action that the student will perform in the program]?
2. When we change \_\_\_\_, what will happen?
3. Which do you think will cause a [greater/lesser, taller/shorter, faster/slower, etc.] outcome?

**Let’s Do the Activity!**

1. [Enter the steps that the student can follow in Algodoo. i.e. Create a block and set it on the ramp]

**What Happened?**

How did your predictions turn out?

**Let’s Run it Again, This Time Create Your Own Scenario!**

1. [Enter the steps that the student can follow in Algodoo, but this time prompt them to change the parameters they used in the first run. Give examples of parameters that they can alter]

**Compare Your Outcomes**

1. How did the simulation change between the first and second times you ran it?
2. What surprised you about today’s activity?
3. How might you change future runs?