

Look back at your friction lab data. Re-write the first part of the discussion of results as a team on the GOOS paper

Why do you think you got the results you did? Use your background experience and knowledge of science to explain the reason for the differences in your data. Use as many words as you can from the word bank



Figure 1

<u>Word Bank</u>			
friction			sliding friction
force	opposes	surface area	motion
	push back	unbalanced	
			resist

Learning target: I can talk about friction as a force that opposes motion.

Write the Q and H in your journals.

How does the mass of a sphere affect how fast the sphere falls?

Hypothesis:



Figure 1

How shall we test this question?

Learning

target: I can talk about friction as a force that opposes motion.

### **Air Resistance vs No Air Resistance**

<http://www.youtube.com/watch?v=4z8g8OSOMzY&feature=related>

### **Misconceptions about falling objects**

[http://www.youtube.com/watch?v=\\_mCC-68LyZM&feature=related](http://www.youtube.com/watch?v=_mCC-68LyZM&feature=related)

Do you need to change your hypothesis?

Learning target: I can describe the motion of a falling object using scientific vocabulary.