Names:			
11001			

Inquiry Master 6.1 Performance Assessment Rubric for Lesson 6

Table 1 Performance Assessment Rubric Table

Check the appropriate column: Excellent, Good, or Fair

Skill	Excellent	Good	Fair
Pulls block horizontally across the table.			
Pulls block at a steady rate.			
Reads spring scale while block is moving steadily.			
Changes variable according to directions.			
Records each trial in science notebook.			
Works cooperatively in group and team efforts.			

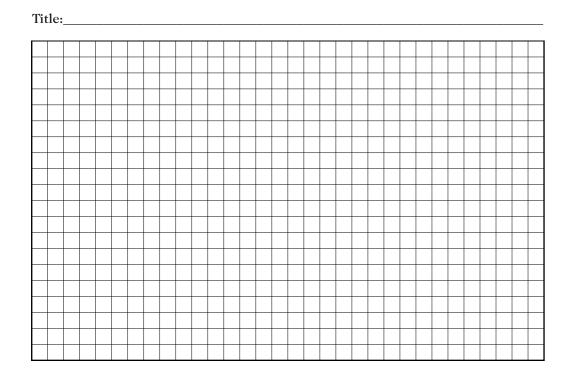
Name:	
Class:	Date:

Student Sheet 6.1 What a Drag!

Directions Measure the force required to pull a block over five surfaces. Calculate the averages. Then construct a graph showing the average force values for each surface.

Table 1 Force Needed To Move a Block 0.27 m (27 cm) Over Different Surfaces

Sliding Surface	Force (N)				
	Trial 1	Trial 2	Trial 3	Trial 4	Average
Tabletop					
Waxed paper					
Paper towel					
Fine sandpaper					
Coarse sandpaper					



Name:	
Class:	Date:

Student Sheet 6.2 Changing the Load

Directions In the space below, design a table and record the data from your experiment as you increase the load on the block and measure the effort force needed to move it. Give your table a title. In the table, record the kind of surface used in each trial. When you finish the table, construct a graph based on the data in your table and discuss the results with your group.

