

**Science Academies for Grades 5-8, Part 2 Materials**  
 Grade 6 Teachers

Lesson	Materials	Quantity Needed for 30 Participants	Quantity Needed for Group of 3
<b>Engage</b>			
<b>Explore</b>	meter sticks	20	2
	sticky notes, flags, or dot stickers	10 pads	1 pad
	timing device	10	1
	windup toy that moves forward	10	1
	calculator (optional)	30	1

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<b>Lesson</b>	<b>Materials</b>	<b>Quantity Needed for 30 Participants</b>	<b>Quantity Needed...</b>
<b>Explain</b>	computer cord for motion sensor	1	for class
	computer or laptop	1	
	Go!Motion sensor	6	1 per group of 5
	calculator cord for motion sensor	6	
	large sheet of foam board	6	
	meter stick	6	
	graphing calculator (TI-83 Plus or TI-84 Plus)	6	
	blue dry erase or poster marker	1	for teacher
	orange dry erase or poster marker	1	
	sticky dots	1 package	
	graphing chart paper	1 pad	
	colored pencils (at least two different colors)	60	2 per student
<b>Elaborate</b>	graph paper	30 sheets	1 sheet
	calculator (optional)	30	1
<b>Evaluate</b>			