

<b>Adventures in Aeronautics</b>			
<b>2004 Science</b>			
<b>Grade Level Expectations</b>			
<b>Louisiana Science</b>			
<b>Grade 3</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Adventures in Aeronautics	LA	SCI.3.24	Explain how the amount and direction of force exerted on an object (e.g., push, pull, friction, gravity) determine how much the object will move
Adventures in Aeronautics	LA	SCI.3.26	Explain the effect of varying amounts of force on the motion of an object
<b>Adventures in Aeronautics</b>			
<b>2004 Science</b>			
<b>Grade Level Expectations</b>			
<b>Louisiana Science</b>			
<b>Grade 4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Adventures in Aeronautics	LA	SCI.4.23	Determine linear, volume, and weight/mass measurements by using both metric system and U.S. system units to compare the results
Adventures in Aeronautics	LA	SCI.4.26	Measure, record, and graph changes in position over time (e.g., speed of cars, ball rolling down inclined plane)
Adventures in Aeronautics	LA	SCI.4.27	Describe how the amount of force needed to cause an object to change its motion depends on the mass of the object
<b>Adventures in Aeronautics</b>			
<b>2004 Science</b>			
<b>Grade Level Expectations</b>			
<b>Louisiana Science</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Adventures in Aeronautics	LA	SCI.5.SI.34	Recognize the importance of communication among scientists about investigations in progress and the work of others
Adventures in Aeronautics	LA	SCI.5.PS.8	Explain that gravity accelerates all falling objects at the same rate in the absence of air resistance
Adventures in Aeronautics	LA	SCI.5.PS.9	Demonstrate a change in speed or direction of an object's motion with the use of unbalanced forces
Adventures in Aeronautics	LA	SCI.5.ESS.47	Identify and explain advances in technology that have enabled the exploration of space