

Adventures in Aeronautics			
2005 Science			
Curriculum Standards			
South Carolina Science			
Grade 4			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	SC	SCI.4.4-5.10	Summarize the factors that affect the strength of an electromagnet.
Adventures in Aeronautics			
2005 Science			
Curriculum Standards			
South Carolina Science			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	SC	SCI.5.5-1.4	Use appropriate tools and instruments (including a timing device and a 10x magnifier) safely and accurately when conducting a controlled scientific investigation.
Adventures in Aeronautics	SC	SCI.5.5-5.1	Illustrate the affects of force (including magnetism, gravity, and friction) on motion.
Adventures in Aeronautics	SC	SCI.5.5-5.3	Explain how unbalanced forces affect the rate and direction of motion in objects.
Adventures in Aeronautics	SC	SCI.5.5-5.6	Explain how a change of force or a change in mass affects the motion of an object.