

Adventures in Aeronautics			
2006 Science			
Grade Level Expectations			
Delaware Science			
Grade 3			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	DE	SCI.3.1.1.16	Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about the rocks' physical properties (length, circumference, weight).
Adventures in Aeronautics	DE	SCI.3.5.3.1	Examine an assortment of rocks and use appropriate measuring tools (balances, meter tapes, syringes) to gather data about the rocks' physical properties (length, circumference, weight).
Adventures in Aeronautics			
2006 Science			
Grade Level Expectations			
Delaware Science			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	DE	SCI.5.1.1.19	Use rulers, meter sticks, tapes, and watches to measure the distance objects travel in a given period of time and how much time it takes for an object to travel a certain distance. Organize the measurements in tables, and construct graphs based on the measurements. Reach qualitative conclusions about the speeds of the objects (faster versus slower).
Adventures in Aeronautics	DE	SCI.5.1.1.20	Demonstrate and explain how forces of different sizes and directions can produce different kinds of changes in the motion of an object.
Adventures in Aeronautics	DE	SCI.5.3.2.1	Use rulers, meter sticks, tapes, and watches to measure the distance objects travel in a given period of time, and how much time it takes for an object to travel a certain distance. Organize the measurements in tables, and construct graphs based on the measurements. Reach qualitative conclusions about the speeds of the objects (faster versus slower).
Adventures in Aeronautics	DE	SCI.5.3.2.2	Demonstrate and explain how forces of different sizes and directions can produce different kinds of changes in the motion of an object.