

<b>Courage to Soar</b>			
<b>2006 Science</b>			
<b>Grade Level and Grade Span Expectations</b>			
<b>New Hampshire Science</b>			
<b>Grades 3-4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	NH	SCI.3-4.S:SPS3:4:2.2	Develop questions based upon their observations about the natural world and design a simple investigation.
Kite Flight	NH	SCI.3-4.S:SPS4:4:4.1	Ask questions and plan investigations to find answers.
Aviation Pioneers	NH	SCI.3-4.S:SPS1:4:3.2	Plan and test ideas through guided experiments.
Having the Right Stuff	NH	SCI.3-4.S:SPS3:4:3.3	Provide examples illustrating that throughout history, people of all ages and from all walks of life have made significant contributions to the fields of science and technology.
Flying a Styrofoam Plane	NH	SCI.3-4.S:SPS1:4:3.2	Plan and test ideas through guided experiments.
Looking for Answers:A research project	NH	SCI.3-4.S:SPS3:4:1.2	Collaborate in scientific endeavors. Communicate ideas to others.
Looking for Answers:A research project	NH	SCI.3-4.S:SPS3:4:2.5	Use reliable information to answer questions.
The Matter of Air	NH	SCI.3-4.S:PS1:4:2.2	Explain that some materials can exist in different states; and describe the distinct physical properties of each state of matter.
The Matter of Air	NH	SCI.3-4.S:SPS1:4:3.2	Plan and test ideas through guided experiments.
The Four Forces of Flight	NH	SCI.3-4.S:SPS1:4:3.2	Plan and test ideas through guided experiments.
<b>Courage to Soar</b>			
<b>2006 Science</b>			
<b>Grade Level and Grade Span Expectations</b>			
<b>New Hampshire Science</b>			
<b>Grades 5-6</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	NH	SCI.5-6.S:SPS4:8:4.1	Formulate a scientific question about phenomena, a problem, or an issue and using a broad range of tools and techniques; and plan and conduct an inquiry to address the question.

Aviation Pioneers	NH	SCI.5-6.S:SPS1:6:3.1	Carry out simple student or teacher-developed procedures or experiments.
Aviation Pioneers	NH	SCI.5-6.S:SPS1:6:5.2	Explain how a hypothesis is a direct extension of a scientific idea and therefore makes that idea “testable.”
Flying a Styrofoam Plane	NH	SCI.5-6.S:SPS1:6:3.1	Carry out simple student or teacher-developed procedures or experiments.
Looking for Answers:A research project	NH	SCI.5-6.S:SPS4:8:1.1	Use a variety of information access tools to locate, gather, and organize potential sources of scientific information to answer questions.
Looking for Answers:A research project	NH	SCI.5-6.S:SPS4:8:5.1	Use a variety of media tools to make oral and written presentations, which include written notes and descriptions, drawings, photos, and charts to communicate the procedures and results of an investigation.
The Matter of Air	NH	SCI.5-6.S:PS4:6:1.1	Understand that scientific principles are used in the design of technology.
The Matter of Air	NH	SCI.5-6.S:SPS1:6:3.1	Carry out simple student or teacher-developed procedures or experiments.
The Four Forces of Flight	NH	SCI.5-6.S:SPS1:6:3.1	Carry out simple student or teacher-developed procedures or experiments.
The Four Forces of Flight	NH	SCI.5-6.S:SPS4:8:3.1	Execute steps of scientific inquiry to engage in the problem-solving and decision making processes.