

Courage to Soar			
2006 Science			
Program of Studies			
Kentucky Science			
Grades K-3			
Activity/Lesson	State	Standards	
Kite Flight	KY	SCI.K-3.SC-P-MF-U-6	Discover patterns through investigation/observation allows predictions, based on that evidence, to be made about future events.
Kite Flight	KY	SCI.K-3.SC-P-UD-S-7	Ask questions that can be investigated, plan and conduct 'fair tests,' and communicate (e.g., write, draw, speak, multi-media) findings to others
Looking for Answers:A research project	KY	SCI.K-3.SC-P-EU-S-7	Communicate observations, investigations and conclusions orally and with written words, charts and diagrams
Controlling the Plane	KY	SCI.K-3.SC-P-MF-U-6	Discover patterns through investigation/observation allows predictions, based on that evidence, to be made about future events.
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2006 Science			
Program of Studies			
Kentucky Science			
Grade 4			
Activity/Lesson	State	Standards	
Looking for Answers:A research project	KY	SCI.4.SC-4-STM-S-8	Write clear descriptions of their designs and experiments, present their findings (when appropriate) in tables and graphs (designed by the students)
Looking for Answers:A research project	KY	SCI.4.SC-4-EU-S-7	Analyze and interpret information from a variety of sources (e.g., print based, models, video) to construct reasonable explanations from direct and indirect evidence
The Matter of Air	KY	SCI.4.SC-4-STM-S-4	Conduct tests, compare data and draw conclusions about physical properties of matter including states of matter, conduction and buoyancy
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Kentucky Science			
Grade 5			
Activity/Lesson	State	Standards	
Soaring Higher	KY	SCI.5.SC-5-MF-U-1	Predictions and/or inferences about the direction or speed of an object can be made by interpreting graphs, charts or descriptions of the object's motion.

The Matter of Air	KY	SCI.5.SC-5-MF-U-1	Predictions and/or inferences about the direction or speed of an object can be made by interpreting graphs, charts or descriptions of the object's motion.
The Four Forces of Flight	KY	SCI.5.SC-5-BC-U-4	Scientific investigations may take many different forms, including observing what things are like or what is happening somewhere, collecting specimens for analysis and doing experiments. The question being investigated determines the form of the investigation used.