

<b>Future Flight Design</b>			
<b>2004 Science</b>			
<b>Curriculum Frameworks</b>			
<b>Connecticut Science</b>			
<b>Grades 3-5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Air Transportation Problem	CT	SCI.3-5.B INQ.4	Employ simple equipment and measuring tools to gather data and extend the senses.
Air Transportation Problem	CT	SCI.3-5.B INQ.6	Analyze, critique and communicate investigations using words, graphs and drawings.
Air Transportation Problem	CT	SCI.3-5.B INQ.10	Use mathematics to analyze, interpret and present data.
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<b>2004 Science</b>			
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<b>Grades 6-8</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Air Transportation Problem	CT	SCI.6-8.	Scientific inquiry progresses through a continuous process of questioning, data collection, analysis and interpretation.
Air Transportation Problem	CT	SCI.6-8.	Scientific inquiry requires the sharing of findings and ideas for critical review by colleagues and other scientists.
Air Transportation Problem	CT	SCI.6-8.	Scientific literacy also includes the ability to search for and assess the relevance and credibility of scientific information found in various print and electronic media.
Air Transportation Problem	CT	SCI.6-8.	Scientific numeracy includes the ability to use mathematical operations and procedures to calculate, analyze and present scientific data and ideas.
Air Transportation Problem	CT	SCI.6-8.C INQ.5	Use appropriate tools and techniques to make observations and gather data.
Air Transportation Problem	CT	SCI.6-8.C INQ.6	Use mathematical operations to analyze and interpret data.
Air Transportation Problem	CT	SCI.6-8.C INQ.10	Communicate about science in different formats, using relevant science vocabulary, supporting evidence and clear logic.
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<b>2004 Science</b>			
<b>Curriculum Frameworks</b>			
<b>Connecticut Science</b>			
<b>Grade 7</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Aircraft Design Problem	CT	SCI.7.A.7.1.C 14	Describe how different types of stored (potential) energy can be used to make objects move.

Future Flight Design			
2004 Science			
Curriculum Frameworks			
Connecticut Science			
Grade 8			
Activity/Lesson	State	Standards	
Aircraft Design Problem	CT	SCI.8.	An unbalanced force acting on an object changes its speed and/or direction of motion.
Aircraft Design Problem	CT	SCI.8.A.8.1.C 23	Describe the qualitative relationships among force, mass and changes in motion.