

Future Flight Design			
2007 Science			
Curriculum Standards			
Kansas Science			
Grades 5-7			
Activity/Lesson	State	Standards	
Air Transportation Problem	KS	SCI.5-7.1.1.2	designs and conducts scientific investigations safely using appropriate tools, mathematics, technology, and techniques to gather, analyze, and interpret data.
Air Transportation Problem	KS	SCI.5-7.1.1.4	communicates scientific procedures, results and explanations.
Air Transportation Problem	KS	SCI.5-7.5.1.1	identifies appropriate problems for technological design, designs a solution or product, implements the proposed design, evaluates the product, and communicates the process of technological design.
Aircraft Design Problem	KS	SCI.5-7.2.3.1	identifies the forces that act on an object (e.g., gravity and friction)
Aircraft Design Problem	KS	SCI.5-7.5.1.1	identifies appropriate problems for technological design, designs a solution or product, implements the proposed design, evaluates the product, and communicates the process of technological design.
Aircraft Design Problem	KS	SCI.5-7.5.2.2	evaluates benefits, risks, limitations and trade-offs of technological solutions.
Future Flight Design			
2007 Science			
Curriculum Standards			
Kansas Science			
Grades 8-12			
Activity/Lesson	State	Standards	
Air Transportation Problem	KS	SCI.8-12.1.1.2	actively engages in investigations, including developing questions, gathering and analyzing data, and designing and conducting research
Air Transportation Problem	KS	SCI.8-12.1.1.5	actively engages in communicating and defending the design, results, and conclusion of his/her investigation.