

Courage to Soar			
2006 Science			
Content and Achievement Standards			
North Dakota Science			
Grade 3			
Activity/Lesson	State	Standards	
Kite Flight	ND	SCI.3.3.2.2	Ask questions directly related to a scientific investigation
Soaring Higher	ND	SCI.3.3.6.1	Identify ways technology (e.g., zippers, Velcro, measuring instruments, computers) can be used to solve problems at home and school
Aviation Pioneers	ND	SCI.3.3.6.1	Identify ways technology (e.g., zippers, Velcro, measuring instruments, computers) can be used to solve problems at home and school
Aviation Pioneers	ND	SCI.3.3.8.1	Identify ways people of all ages, genders, and backgrounds use science in their careers and in daily life (e.g., children check temperature conditions to decide what to wear, farmer uses genetic grains, hikers use GPS, depth-finder in boat, hearing-aides for disabilities)
Having the Right Stuff	ND	SCI.3.3.8.1	Identify ways people of all ages, genders, and backgrounds use science in their careers and in daily life (e.g., children check temperature conditions to decide what to wear, farmer uses genetic grains, hikers use GPS, depth-finder in boat, hearing-aides for disabilities)
The Four Forces of Flight	ND	SCI.3.3.3.2	Identify a force as push or pull
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North Dakota Science			
Grade 4			
Activity/Lesson	State	Standards	
Kite Flight	ND	SCI.4.4.2.1	Review and ask questions about the scientific investigations of others
Soaring Higher	ND	SCI.4.4.6.1	Evaluate the effects of technology on people and the environment (e.g., new construction, oil drilling, electric cars)
Aviation Pioneers	ND	SCI.4.4.6.1	Evaluate the effects of technology on people and the environment (e.g., new construction, oil drilling, electric cars)
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North Dakota Science			
Grade 5			
Activity/Lesson	State	Standards	
Soaring Higher	ND	SCI.5.5.6.1	Use technology to design a solution to a problem
Aviation Pioneers	ND	SCI.5.5.6.1	Use technology to design a solution to a problem
Flying a Styrofoam Plane	ND	SCI.5.	5.2.1. Communicate scientific procedures (e.g. visual display, graph, journal, oral presentation) that enable others to repeat the investigation
Looking for Answers:A research project	ND	SCI.5.	5.2.1. Communicate scientific procedures (e.g. visual display, graph, journal, oral presentation) that enable others to repeat the investigation
The Four Forces of Flight	ND	SCI.5.	5.2.1. Communicate scientific procedures (e.g. visual display, graph, journal, oral presentation) that enable others to repeat the investigation
The Four Forces of Flight	ND	SCI.5.5.3.4	Identify the effects force and mass have on the motion of an object