

Aeronautics Educator Guide			
2006 Science			
Content and Achievement Standards			
North Dakota Science			
Grade 2			
Activity/Lesson	State	Standards	
Air Engines (12-16)	ND	SCI.2.2.2.2	Communicate (e.g., verbal, written, graphic) observations to others
Air Engines (12-16)	ND	SCI.2.2.3.4	Describe an object's location (e.g., further than, beside, under, over) relative to another object
Dunked Napkin (17-22)	ND	SCI.2.2.8.1	Identify ways scientists work together to solve problems (e.g., share results, teamwork, investigate)
Paper Bag Mask (23-28)	ND	SCI.2.2.6.1	Identify tools (e.g., ruler, hand lens, thermometer, balance) that are used to observe, measure, and investigate things they could not otherwise see, measure and do
Wind in Your Socks) (29-35)	ND	SCI.2.2.2.2	Communicate (e.g., verbal, written, graphic) observations to others
Wind in Your Socks) (29-35)	ND	SCI.2.2.6.1	Identify tools (e.g., ruler, hand lens, thermometer, balance) that are used to observe, measure, and investigate things they could not otherwise see, measure and do
Delta Wing Glider (60-68)	ND	SCI.2.2.1.1	Explain ways models are like (e.g., globe and Earth are both round) and unlike (e.g., different sizes, missing details and functions) real things
Aeronautics Educator Guide			
2006 Science			
Content and Achievement Standards			
North Dakota Science			
Grade 3			
Activity/Lesson	State	Standards	
Air Engines (12-16)	ND	SCI.3.3.2.2	Ask questions directly related to a scientific investigation
Air Engines (12-16)	ND	SCI.3.3.2.3	Record observations (e.g., journals, drawings, charts) based on simple investigations
Air Engines (12-16)	ND	SCI.3.3.5.1	Identify weather conditions that can be measured (e.g., temperature, wind direction and speed, and precipitation)
Where is North? The Compass Can Tell Us (87-90)	ND	SCI.3.3.2.3	Record observations (e.g., journals, drawings, charts) based on simple investigations
Dunked Napkin (17-22)	ND	SCI.3.3.2.2	Ask questions directly related to a scientific investigation
Dunked Napkin (17-22)	ND	SCI.3.3.2.3	Record observations (e.g., journals, drawings, charts) based on simple investigations
Wind in Your Socks) (29-35)	ND	SCI.3.3.2.1	Select appropriate scientific tools (i.e., magnifiers, thermometers, rulers, balances) for investigations
Wind in Your Socks) (29-35)	ND	SCI.3.3.2.2	Ask questions directly related to a scientific investigation

Wind in Your Socks) (29-35)	ND	SCI.3.3.2.3	Record observations (e.g., journals, drawings, charts) based on simple investigations
Wind in Your Socks) (29-35)	ND	SCI.3.3.5.1	Identify weather conditions that can be measured (e.g., temperature, wind direction and speed, and precipitation)
Aeronautics Educator Guide			
2006 Science			
Content and Achievement Standards			
North Dakota Science			
Grade 4			
Activity/Lesson	State	Standards	
Air Engines (12-16)	ND	SCI.4.4.2.1	Review and ask questions about the scientific investigations of others
Air Engines (12-16)	ND	SCI.4.4.2.2	Conduct simple investigations to answer questions based on observations
Air Engines (12-16)	ND	SCI.4.4.3.4	Identify the effects forces may have when applied to objects (i.e., start, stop, change direction)
Rotor Motor (69-75)	ND	SCI.4.4.2.2	Conduct simple investigations to answer questions based on observations
We Can Fly, You and I: Interdisciplinary Learning (107-108)	ND	SCI.4.4.1.1	Explain changes in the real world using a model (e.g., erosion, volcano, stream table, wing designs for airplanes)
Dunked Napkin (17-22)	ND	SCI.4.4.2.1	Review and ask questions about the scientific investigations of others
Dunked Napkin (17-22)	ND	SCI.4.4.2.2	Conduct simple investigations to answer questions based on observations
Paper Bag Mask (23-28)	ND	SCI.4.4.2.2	Conduct simple investigations to answer questions based on observations
Wind in Your Socks) (29-35)	ND	SCI.4.4.2.2	Conduct simple investigations to answer questions based on observations
Wind in Your Socks) (29-35)	ND	SCI.4.4.2.3	Use scientific tools (i.e., thermometers, rulers, balances) during simple investigations