

Aeronautics Educator Guide			
2004 Mathematics			
Content Standards			
South Dakota Mathematics			
Grade 2			
Activity/Lesson	State	Standards	
Air Engines (12-16)	SD	MA.2.2.M.1.6	Students are able to solve everyday problems by measuring length to the nearest inch or foot.
Dunked Napkin (17-22)	SD	MA.2.2.S.1.1	Students are able to use interviews, surveys, and observations to gather data.
Paper Bag Mask (23-28)	SD	MA.2.2.G.1.1	Students are able to use the terms side and vertex (corners) to identify plane and solid figures.
Paper Bag Mask (23-28)	SD	MA.2.2.M.1.6	Students are able to solve everyday problems by measuring length to the nearest inch or foot.
Wind in Your Socks) (29-35)	SD	MA.2.2.M.1.6	Students are able to solve everyday problems by measuring length to the nearest inch or foot.
Wind in Your Socks) (29-35)	SD	MA.2.2.M.1.7	Students are able to locate and name concrete objects that are about the same length, height, weight, capacity, and temperature as a given concrete object.
Aeronautics Educator Guide			
2004 Mathematics			
Content Standards			
South Dakota Mathematics			
Grade 3			
Activity/Lesson	State	Standards	
Air Engines (12-16)	SD	MA.3.3.M.1.3	Students are able to identify U.S. Customary units of length (feet), weight (pounds), and capacity (gallons).
Air Engines (12-16)	SD	MA.3.3.M.1.4	Students are able to select appropriate units to measure length (inch, foot, mile, yard); weight (ounces, pounds, tons); and capacity (cups, pints, quarts, gallons).
Air Engines (12-16)	SD	MA.3.3.M.1.5.a	Measure length to the nearest centimeter.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	SD	MA.3.3.S.1.2	Students are able to gather data and use the information to complete a scaled and labeled graph.
Dunked Napkin (17-22)	SD	MA.3.3.S.1.1	Students are able to ask and answer questions from data represented in bar graphs, pictographs and tally charts.
Paper Bag Mask (23-28)	SD	MA.3.3.M.1.3	Students are able to identify U.S. Customary units of length (feet), weight (pounds), and capacity (gallons).
Paper Bag Mask (23-28)	SD	MA.3.3.M.1.4	Students are able to select appropriate units to measure length (inch, foot, mile, yard); weight (ounces, pounds, tons); and capacity (cups, pints, quarts, gallons).
Paper Bag Mask (23-28)	SD	MA.3.3.M.1.5.a	Measure length to the nearest centimeter.

Wind in Your Socks) (29-35)	SD	MA.3.3.M.1.3	Students are able to identify U.S. Customary units of length (feet), weight (pounds), and capacity (gallons).
Wind in Your Socks) (29-35)	SD	MA.3.3.M.1.4	Students are able to select appropriate units to measure length (inch, foot, mile, yard); weight (ounces, pounds, tons); and capacity (cups, pints, quarts, gallons).
Wind in Your Socks) (29-35)	SD	MA.3.3.M.1.5.a	Measure length to the nearest centimeter.
Aeronautics Educator Guide			
2004 Mathematics			
Content Standards			
South Dakota Mathematics			
Grade 4			
Activity/Lesson	State	Standards	
Air Engines (12-16)	SD	MA.4.4.M.1.4.a	Estimate length to the nearest inch.
Air Engines (12-16)	SD	MA.4.4.M.1.4.b	Measure to the nearest centimeter.
Dunked Napkin (17-22)	SD	MA.4.4.S.1.1	Students are able to interpret data from graphical representations and draw conclusions.
Paper Bag Mask (23-28)	SD	MA.4.4.M.1.4.b	Measure to the nearest centimeter.
Wind in Your Socks) (29-35)	SD	MA.4.4.M.1.4.b	Measure to the nearest centimeter.