

Aeronautics Educator Guide			
2003 Mathematics			
Course of Study			
Alabama Mathematics			
Grade 2			
Activity/Lesson	State	Standards	
Air Engines (12-16)	AL	MA.2.10.2	Using appropriate tools, including rulers, yard sticks, meter sticks, or tape measures
Flight: Interdisciplinary Learning Activities (76-79)	AL	MA.2.1.1	Identifying position using ordinal numbers to 100th
Flight: Interdisciplinary Learning Activities (76-79)	AL	MA.2.9.2	Reading maps of the school environment
Plan to Fly There (97-106)	AL	MA.2.9.2	Reading maps of the school environment
Dunked Napkin (17-22)	AL	MA.2.13.1	Interpreting graphic displays
Paper Bag Mask (23-28)	AL	MA.2.8.2	Identifying line symmetry in plane geometric figures
Paper Bag Mask (23-28)	AL	MA.2.10.2	Using appropriate tools, including rulers, yard sticks, meter sticks, or tape measures
Wind in Your Socks) (29-35)	AL	MA.2.10.2	Using appropriate tools, including rulers, yard sticks, meter sticks, or tape measures
Sled Kite (44-51)	AL	MA.2.10.2	Using appropriate tools, including rulers, yard sticks, meter sticks, or tape measures

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Grade 3			
Activity/Lesson	State	Standards	
Air Engines (12-16)	AL	MA.3.10	Measure length in metric units.
Flight: Interdisciplinary Learning Activities (76-79)	AL	MA.3.11.1	Calculating elapsed time to the minute within the same hour
Plan to Fly There (97-106)	AL	MA.3.11.1	Calculating elapsed time to the minute within the same hour
We Can Fly, You and I: Interdisciplinary Learning (107-108)	AL	MA.3.11.1	Calculating elapsed time to the minute within the same hour
Paper Bag Mask (23-28)	AL	MA.3.10	Measure length in metric units.
Wind in Your Socks) (29-35)	AL	MA.3.10	Measure length in metric units.

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Grade 4			
Activity/Lesson	State	Standards	
Rotor Motor (69-75)	AL	MA.4.17	Represent numerical data using tables and graphs, including bar graphs and line graphs.
Flight: Interdisciplinary Learning Activities (76-79)	AL	MA.4.12	Find locations on a map or grid using ordered pairs.
Flight: Interdisciplinary Learning Activities (76-79)	AL	MA.4.13	Calculate elapsed time in hours and minutes.
Plan to Fly There (97-106)	AL	MA.4.12	Find locations on a map or grid using ordered pairs.
Plan to Fly There (97-106)	AL	MA.4.13	Calculate elapsed time in hours and minutes.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	AL	MA.4.13	Calculate elapsed time in hours and minutes.
Dunked Napkin (17-22)	AL	MA.4.15.2	Creating tally charts to represent data collected from real-life situations
Wind in Your Socks) (29-35)	AL	MA.4.15.2	Creating tally charts to represent data collected from real-life situations