

Aeronautics Educator Guide
2004 Mathematics
Grade Level Expectations

Aeronautics Educator Guide			
2004 Mathematics			
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Louisiana Mathematics			
Grade 2			
Activity/Lesson	State	Standards	
Flight: Interdisciplinary Learning Activities (76-79)	LA	MA.2.6	From a given number, count forward and backward and count to 100 by 2s
Making Time Fly (80-86)	LA	MA.2.25	Collect and organize data using observations, surveys, and experiments
Plan to Fly There (97-106)	LA	MA.2.17	Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters)
We Can Fly, You and I: Interdisciplinary Learning (107-108)	LA	MA.2.28	Generate questions that can be answered by collecting and analyzing data
Dunked Napkin (17-22)	LA	MA.2.25	Collect and organize data using observations, surveys, and experiments
Dunked Napkin (17-22)	LA	MA.2.28	Generate questions that can be answered by collecting and analyzing data
Paper Bag Mask (23-28)	LA	MA.2.14	Measure and appropriately label measures of length and perimeter (i.e., inch, centimeter, foot), capacity (i.e., cup, quart, liter), and weight/mass (i.e., pound, kilogram)
Paper Bag Mask (23-28)	LA	MA.2.17	Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters)
Paper Bag Mask (23-28)	LA	MA.2.19	Estimate length in standard units (inch, foot, and centimeter)
Wind in Your Socks) (29-35)	LA	MA.2.14	Measure and appropriately label measures of length and perimeter (i.e., inch, centimeter, foot), capacity (i.e., cup, quart, liter), and weight/mass (i.e., pound, kilogram)
Wind in Your Socks) (29-35)	LA	MA.2.17	Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters)
Wind in Your Socks) (29-35)	LA	MA.2.25	Collect and organize data using observations, surveys, and experiments
Wind in Your Socks) (29-35)	LA	MA.2.28	Generate questions that can be answered by collecting and analyzing data

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Grade 3			
Activity/Lesson	State	Standards	
Plan to Fly There (97-106)	LA	MA.3.24	Find elapsed time involving hours and minutes, without regrouping, and tell time to the nearest minute
We Can Fly, You and I: Interdisciplinary Learning (107-108)	LA	MA.3.24	Find elapsed time involving hours and minutes, without regrouping, and tell time to the nearest minute
Paper Bag Mask (23-28)	LA	MA.3.19	Measure length to the nearest yard, meter, and half-inch
Paper Bag Mask (23-28)	LA	MA.3.25	Select and use the appropriate standard units of measure, abbreviations, and tools to measure length and perimeter (i.e., in., cm, ft., yd., m), area (square inch, square centimeter), capacity (i.e., cup, pint, quart, gallon, liter), and weight/mass (i.e., oz., lb., g, kg, ton)
Wind in Your Socks) (29-35)	LA	MA.3.19	Measure length to the nearest yard, meter, and half-inch
Wind in Your Socks) (29-35)	LA	MA.3.25	Select and use the appropriate standard units of measure, abbreviations, and tools to measure length and perimeter (i.e., in., cm, ft., yd., m), area (square inch, square centimeter), capacity (i.e., cup, pint, quart, gallon, liter), and weight/mass (i.e., oz., lb., g, kg, ton)
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Grade 4			
Activity/Lesson	State	Standards	
Plan to Fly There (97-106)	LA	MA.4.23	Set up, solve, and interpret elapsed time problems
We Can Fly, You and I: Interdisciplinary Learning (107-108)	LA	MA.4.23	Set up, solve, and interpret elapsed time problems
Paper Bag Mask (23-28)	LA	MA.4.20	Measure length to the nearest quarter-inch and mm
Paper Bag Mask (23-28)	LA	MA.4.22	Select and use the appropriate standard units of measure, abbreviations, and tools to measure length and perimeter (i.e., in., cm, ft., yd., mile, m, km), area (i.e., square inch, square foot, square centimeter), capacity (i.e., fl. oz., cup, pt., qt., gal., l, ml), weight/mass (i.e., oz., lb., g, kg, ton), and volume (i.e., cubic cm, cubic in.)

Wind in Your Socks) (29-35)	LA	MA.4.20	Measure length to the nearest quarter-inch and mm
Wind in Your Socks) (29-35)	LA	MA.4.22	Select and use the appropriate standard units of measure, abbreviations, and tools to measure length and perimeter (i.e., in., cm, ft., yd., mile, m, km), area (i.e., square inch, square foot, square centimeter), capacity (i.e., fl. oz., cup, pt., qt., gal., l, ml), weight/mass (i.e., oz., lb., g, kg, ton), and volume (i.e., cubic cm, cubic in.)