

<b>Adventures in Aeronautics</b>			
<b>2004 Mathematics</b>			
<b>Grade Level Expectations</b>			
<b>Louisiana Mathematics</b>			
<b>Grade 3</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Adventures in Aeronautics	LA	MA.3.2	Read, write, compare, and order whole numbers through 9999 using symbols (i.e., $<$ , $=$ , $>$ ) and models
Adventures in Aeronautics	LA	MA.3.7	Recognize and apply multiplication and division as inverse operations
Adventures in Aeronautics	LA	MA.3.11	Add and subtract numbers of 3 digits or less
Adventures in Aeronautics	LA	MA.3.13	Determine when and how to estimate, and when and how to use mental math, calculators, or paper/pencil strategies to solve addition and subtraction problems
Adventures in Aeronautics	LA	MA.3.15	Use objects, pictures, numbers, symbols, and words to represent multiplication and division problem situations
Adventures in Aeronautics	LA	MA.3.16	Use number sentences to represent real-life problems involving multiplication and division
Adventures in Aeronautics	LA	MA.3.21	Measure weight using grams and ounces
Adventures in Aeronautics	LA	MA.3.24	Find elapsed time involving hours and minutes, without regrouping, and tell time to the nearest minute
Adventures in Aeronautics	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)
Adventures in Aeronautics	LA	MA.3.28	Estimate length, weight/mass, and capacity
Adventures in Aeronautics	LA	MA.3.38	Find the length of a path (that does not include diagonals) between two points on a grid
<b>Adventures in Aeronautics</b>			
<b>2004 Mathematics</b>			
<b>Grade Level Expectations</b>			
<b>Louisiana Mathematics</b>			
<b>Grade 4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Adventures in Aeronautics	LA	MA.4.2	Read, write, compare, and order whole numbers using place value concepts, standard notation, and models through 1,000,000
Adventures in Aeronautics	LA	MA.4.10	Solve multiplication and division number sentences including interpreting remainders
Adventures in Aeronautics	LA	MA.4.11	Multiply 3-digit by 1-digit numbers, 2-digit by 2-digit numbers, and divide 3-digit numbers by 1-digit numbers, with and without remainders

Adventures in Aeronautics	LA	MA.4.13	Determine when and how to estimate, and when and how to use mental math, calculators, or paper/pencil strategies to solve multiplication and division problems
Adventures in Aeronautics	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.)
Adventures in Aeronautics	LA	MA.4.23	Set up, solve, and interpret elapsed time problems
<b>Adventures in Aeronautics</b>			
<b>2004 Mathematics</b>			
<b>Grade Level Expectations</b>			
<b>Louisiana Mathematics</b>			
<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Adventures in Aeronautics	LA	MA.5.16	Apply the concepts of elapsed time in real-life situations and calculate equivalent times across time zones in real-life problems
Adventures in Aeronautics	LA	MA.5.18	Estimate time, temperature, weight/mass, and length in familiar situations and explain the reasonableness of answers
Adventures in Aeronautics	LA	MA.5.19	Compare the relative sizes of common units for time, temperature, weight, mass, and length in real-life situations
Adventures in Aeronautics	LA	MA.5.20	Identify appropriate tools and units with which to measure time, mass, weight, temperature, and length
Adventures in Aeronautics	LA	MA.5.23	Convert between units of measurement for length, weight, and time, in U.S. and metric, within the same system