

Adventures in Aeronautics			
2008 Mathematics			
Grade Level Articulations			
Arizona Mathematics			
Grade 3			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	AZ	MA.3.1.1.PO 2	Compare and order whole numbers through six digits by applying the concept of place value.
Adventures in Aeronautics	AZ	MA.3.1.2.PO 1	Add and subtract whole numbers to four digits.
Adventures in Aeronautics	AZ	MA.3.1.2.PO 2	Create and solve word problems based on addition, subtraction, multiplication, and division.
Adventures in Aeronautics	AZ	MA.3.1.2.PO 3	Demonstrate the concept of multiplication and division using multiple models.
Adventures in Aeronautics	AZ	MA.3.1.2.PO 5	Apply and interpret the concept of multiplication and division as inverse operations to solve problems.
Adventures in Aeronautics	AZ	MA.3.1.2.PO 6	Describe the effect of operations (multiplication and division) on the size of whole numbers.
Adventures in Aeronautics	AZ	MA.3.1.2.PO 7	Apply commutative, identity, and zero properties to multiplication and apply the identity property to division.
Adventures in Aeronautics	AZ	MA.3.4.4.PO 1.a	Determine elapsed time across months using a calendar
Adventures in Aeronautics	AZ	MA.3.4.4.PO 1.b	Determine elapsed time by hours and half hours using a clock
Adventures in Aeronautics	AZ	MA.3.4.4.PO 2	Apply measurement skills to measure length, weight, and capacity using US Customary units.
Adventures in Aeronautics	AZ	MA.3.4.4.PO 3.b	Convert units of length, weight, and capacity (ounces to pounds, and)
Adventures in Aeronautics			
2008 Mathematics			
Grade Level Articulations			
Arizona Mathematics			
Grade 4			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	AZ	MA.4.1.2.PO 2.a	Use multiple strategies to multiply whole numbers two-digit by two-digit and
Adventures in Aeronautics	AZ	MA.4.1.2.PO 2.b	Use multiple strategies to multiply whole numbers multi-digit by one-digit
Adventures in Aeronautics	AZ	MA.4.1.2.PO 5	Apply associative and distributive properties to solve multiplication and division problems.
Adventures in Aeronautics	AZ	MA.4.1.3.PO 1	Use benchmarks as meaningful points of comparison for whole numbers, decimals, and fractions.
Adventures in Aeronautics	AZ	MA.4.3.3.PO 2	Create and solve one-step equations that can be solved using addition, subtraction, multiplication, and division of whole numbers.
Adventures in Aeronautics	AZ	MA.4.4.4.PO 1	Compute elapsed time to the minute.

Adventures in Aeronautics	AZ	MA.4.5.1.PO 1	Analyze common algorithms for computing (adding, subtracting, multiplying, and dividing) with whole numbers using the associative, commutative, and distributive properties.
Adventures in Aeronautics			
2008 Mathematics			
Grade Level Articulations			
Arizona Mathematics			
Grade 5			
Activity/Lesson	State	Standards	
Adventures in Aeronautics	AZ	MA.5.1.1.PO 4	Compare and order positive fractions, decimals, and percents.
Adventures in Aeronautics	AZ	MA.5.1.2.PO 2	Understand and apply numerical operations and their relationship to one another. Multiply multi-digit whole numbers
Adventures in Aeronautics	AZ	MA.5.3.1.PO 1	Recognize, describe, create, and analyze a numerical sequence involving fractions and decimals using addition and subtraction.
Adventures in Aeronautics	AZ	MA.5.4.4.PO 1	Understand and apply appropriate units of measure, measurement techniques, and formulas to determine measurements. Solve problems using elapsed time.