The Correlation of

PLATO®

Curricula to

Idaho Content Standards
(ICS)
Mathematics
Grades 2-5

July 24, 2006

INTRODUCTION

PLATO Learning Inc. combines PLATO® computer-assisted instruction into a flexible integrated learning system to enhance instructional effectiveness in education programs. This document identifies PLATO instructional activities that correlate to the Idaho Content Standards, Mathematics, 2006 .URL: http://www.idahoachieves.com/

It is recommended that instructors review the correlation in order to fine-tune the activity to fit their educational environment. Modules may be added or removed; Web sites and offline activities may also be incorporated to enhance the learning path.

The following PLATO courseware was used in this alignment:

Math Expeditions B
Math Expeditions C
Math Expeditions D
Math Expeditions E
Math Expeditions F
Math Expeditions G
Math Fundamentals
Foundational Math

PLATO Learning, Inc. looks forward to supporting your initiatives in providing successful educational programs using PLATO© computer-based lessons.

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 1: **Number and Operation**	**Standard 1: Number and Operation** Students in Grade 2 demonstrate knowledge of our numeration system by counting forward by twos, fives, and tens to 100 and by counting forward and backward by ones from any given number less than 100. Students read, write, compare, and order whole numbers to 1,000 and students identify place value through 999. Students count the value of a collection of pennies, nickels, dimes, and quarters up to a dollar. Students use strategies for addition and subtraction combinations through 18 and students add whole numbers with and without regrouping through 99.	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **2.M.1.1.1 Demonstrate knowledge of our numeration system by counting forward by twos, fives, and tens to 100 and by counting forward and backward by ones from any given number less than 100.**	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **2.M.1.1.1 Demonstrate knowledge of our numeration system by counting forward by twos, fives, and tens to 100 and by counting forward and backward by ones from any given number less than 100.** PLATO® Math Expeditions B Numeration B - Number Recognition Identify and count 7-12 Count by fives Numeration B - Compare Compare numbers through 99 Numeration B - Order Order numbers 1 through 10 Order numbers through 99 Numeration B - Place Value Identify tens and ones to 99 Identify and write tens to 90 PLATO® Math Expeditions C Numeration C - Number Recognition Count by twos Numeration C - Order Order numbers through 99 Order numbers through 999 Numeration C - Place Value Identify tens & ones to 99

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Write standard form to 99 Write standard form to 999
			2.M.1.1.2 Read, write, compare, and order whole numbers to 1,000.	**2.M.1.1.2 Read, write, compare, and order whole numbers to 1,000.** PLATO® Math Expeditions B Numeration B - Compare Compare numbers through 99 Numeration B - Order Order numbers 1 through 10 Order numbers through 99 PLATO® Math Expeditions C Numeration C - Compare Compare numbers through 99 Numeration C - Order Order numbers through 99 Order numbers through 999 Numeration C - Place Value Write standard form to 999 PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 Numeration D - Order Order numbers to 999 Order numbers to 9999 Numeration D - Place Value Write standard form to 999
			2.M.1.1.3 Identify place value	**2.M.1.1.3 Identify place value through**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			through 999.	**999.** PLATO® Math Expeditions B Numeration B - Place Value Identify tens and ones to 99 Identify and write tens to 90 Number Operations B - Addition Add two 2-digit numbers PLATO® Math Expeditions C Numeration C - Place Value Identify tens & ones to 99 Write standard form to 99 Write standard form to 999 Number Operations C - Subtraction Renaming readiness
			2.M.1.1.4 Count the value of a collection of pennies, nickels, dimes, and quarters up to $1.00.	**2.M.1.1.4 Count the value of a collection of pennies, nickels, dimes, and quarters up to $1.00.** PLATO® Math Expeditions B Money B - Money Identify coins to 99 cents PLATO® Math Expeditions C Money C - Money Compare money to $2.00
			Goal 1.2: Perform computations accurately.	**Goal 1.2: Perform computations accurately.**
			2.M.1.2.1 Use strategies for	**2.M.1.2.1 Use strategies for addition and**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			addition and subtraction combinations through 18.	**subtraction combinations through 18.** PLATO® Math Expeditions B Number Operations B - Addition Add two numbers with sums to 10 Add with zero Add two numbers with sums to 12 Number Operations B - Subtraction Subtract numbers through 7 Subtract with zero Subtract numbers 9, 10, 11, 12 Subtract numbers 13 through 18 PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 10 Add two numbers with sums to 12 Add two numbers with sums to 18 Number Operations C - Subtraction Subtract numbers through 12 Subtract numbers through 18 PLATO® Math Expeditions D Number Operations D - Addition Add two numbers with sums to 18 Number Operations D - Subtraction Subtract numbers 13 to 18
			2.M.1.2.2 Add whole numbers with and without regrouping through 99.	**2.M.1.2.2 Add whole numbers with and without regrouping through 99.** PLATO® Math Expeditions B Number Operations B - Addition Add two numbers with sums to 10 PLATO® Math Expeditions C Number Operations C - Addition

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Add a 1-digit to a 2-digit number PLATO® Math Expeditions D Number Operations D - Addition Add 2-digit plus 1-digit numbers
			2.M.1.2.3 Add three one-digit addends.	**2.M.1.2.3 Add three one-digit addends.** PLATO® Math Expeditions B Number Operations B - Addition Add three numbers with sums to 10 PLATO® Math Expeditions C Number Operations C - Addition Add three numbers with sums to 12 Add three numbers with sums to 18 PLATO® Math Expeditions D Number Operations D - Addition Add three 1-digit numbers to 18 Add three or more 1-digit numbers
			Goal 1.3: Estimate and judge reasonableness of results.	**Goal 1.3: Estimate and judge reasonableness of results.**
			2.M.1.3.1 Estimate to predict the sum of numbers through 99.	**2.M.1.3.1 Estimate to predict the sum of numbers through 99.** PLATO® Math Expeditions D Number Operations D - Addition Estimate sums
			2.M.1.3.2 Use estimation to	**2.M.1.3.2 Use estimation to evaluate the**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			evaluate the reasonableness of the sum of numbers through 99.	**reasonableness of the sum of numbers through 99.** PLATO® Math Expeditions D Number Operations D - Addition Estimate sums
	Standard 2: **Concepts and Principles of Measurement**		**Standard 2: Concepts and Principles of Measurement**	**Standard 2: Concepts and Principles of Measurement**
			Goal 2.1: Understand and use U.S. customary and metric measurements.	**Goal 2.1: Understand and use U.S. customary and metric measurements.**
		Standard 2: Concepts and Principles of Measurement Students in Grade 2 measure time, length, weight and temperature using standard and nonstandard units and tools. Students tell time using both digital and analog clocks to the half hour.	**2.M.2.1.2 Estimate length and time using standard units.**	**2.M.2.1.2 Estimate length and time using standard units.** PLATO® Math Expeditions B Time B - Time Tell time to the half hour Measurement B - Length Measure with an inch ruler PLATO® Math Expeditions C Measurement C - Length Identify units of length PLATO® Math Expeditions D Measurement D - Length

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			2.M.2.1.3 Tell time using both digital and analog clocks to the half hour.	**2.M.2.1.3 Tell time using both digital and analog clocks to the half hour.** PLATO® Math Expeditions B Time B - Time Tell time to the half hour
			2.M.2.1.4 Select the most appropriate unit to measure the time of a given situation (minutes, hours).	**2.M.2.1.4 Select the most appropriate unit to measure the time of a given situation (minutes, hours).** PLATO® Math Expeditions B Time B - Time Tell time to the half hour
			2.M.2.1.6 Use appropriate vocabulary.	**2.M.2.1.6 Use appropriate vocabulary.** PLATO® Math Expeditions B Time B - Time Tell time to the half hour
			Standard 3: Concepts and	**Standard 3: Concepts and Language of**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 3: Concepts and Language of Algebra and Functions		**Language of Algebra and Functions**	**Algebra and Functions**
			Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.	**Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.**
		Standard 3: Concepts and Language of Algebra and Functions Students in Grade 2 show the relationship between addition and subtraction and demonstrate reversal of operations. Students write a number sentence from an addition or subtraction problem-solving situation. Students use the commutative property of addition. Students translate a repeating pattern from one representation to another.	**2.M.3.1.1Write addition and subtraction problems vertically and horizontally.**	**2.M.3.1.1Write addition and subtraction problems vertically and horizontally.** PLATO® Math Expeditions B Number Operations B - Addition Add with zero Add two numbers with sums to 12 Add two 2-digit numbers Number Operations B - Subtraction Subtract numbers through 7 Subtract numbers 9, 10, 11, 12 PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 10 Add two numbers with sums to 12 Number Operations C - Subtraction Subtract numbers through 12 Subtract numbers through 18
			2.M.3.1.3 Show the relationship between addition and subtraction using fact families.	**2.M.3.1.3 Show the relationship between addition and subtraction using fact families.** Math Fundamentals Subtraction; Module: Meaning of

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Subtraction
			2.M.3.1.4 Compare numbers to 999 using the vocabulary words/phrases of less than, greater than, equal to.	**2.M.3.1.4 Compare numbers to 999 using the vocabulary words/phrases of less than,** **greater than, equal to.** PLATO® Math Expeditions B Numeration B - Compare Compare numbers through 99 Numeration B - Order Order numbers 1 through 10 Order numbers through 99 PLATO® Math Expeditions C Numeration C - Compare Compare numbers through 99 Numeration C - Order Order numbers through 99 Order numbers through 999 PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 Numeration D - Order Order numbers to 999 Order numbers to 9999
			Goal 3.2: Evaluate algebraic expressions.	**Goal 3.2: Evaluate algebraic expressions.**
			2.M.3.2.1 Use the commutative	**2.M.3.2.1 Use the commutative property**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			property of addition.	**of addition.** PLATO® Math Expeditions B Number Operations B - Addition Add two numbers with sums to 12 PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 18
			2.M.3.2.2 Solve addition problems using the commutative property (e.g., If 7 + 5 =12, then what is 5 + 7?).	**2.M.3.2.2 Solve addition problems using the commutative property (e.g., If 7 + 5 = 12, then what is 5 + 7?).** PLATO® Math Expeditions B Number Operations B - Addition Add two numbers with sums to 12 PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 18
			Standard 4: Concepts and	**Standard 4: Concepts and Principles of**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 4: Concepts and Principles of Geometry	**Standard 4: Concepts and Principles of Geometry** Students in Grade 2, recognize, name, build, compare and sort the two- and three-dimensional shapes of triangles, squares, circles, rectangles, cones, cubes, spheres, and cylinders. Students draw a line of symmetry.	**Principles of Geometry** **Goal 4.1: Apply concepts of size, shape, and spatial relationships.** **2.M.4.1.1 Recognize, name, build, compare, and sort the two- and three-dimensional shapes of triangles, rectangles, squares, circles, cones, cubes, spheres, cylinders, and pyramids.** **2.M.4.1.2 Sort and classify objects by more than one attribute.** **2.M.4.1.3 Draw a line of**	**Geometry** **Goal 4.1: Apply concepts of size, shape, and spatial relationships.** **2.M.4.1.1 Recognize, name, build, compare, and sort the two- and three-dimensional shapes of triangles, rectangles, squares, circles, cones, cubes, spheres, cylinders, and pyramids.** PLATO® Math Expeditions B Geometry B - Geometry Triangles/rectangles/circles/squares PLATO® Math Expeditions C Geometry C - Geometry Identify plane shapes **2.M.4.1.2 Sort and classify objects by more than one attribute.** PLATO® Math Expeditions B Geometry B - Geometry Triangles/rectangles/circles/squares PLATO® Math Expeditions C Geometry C - Geometry Identify plane shapes **2.M.4.1.3 Draw a line of symmetry.**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			symmetry.	Projects for the Real World: Level C Make a Collection 1.5.a Projects for the Real World: Level D Find Out More About Insects; . Examine Moths and Butterflies Projects for the Real World: Level B Explore with Seeds; . Make Seed Pictures
			Goal 4.3: Apply graphing in two dimensions.	**Goal 4.3: Apply graphing in two dimensions.**
			2.M.4.3.1 Indicate whether a number is above or below a benchmark number of 1000 or less on a number line.	**2.M.4.3.1 Indicate whether a number is above or below a benchmark number of 1000 or less on a number line.** PLATO® Math Expeditions C Numeration C Order numbers through 999 PLATO® Math Expeditions D Numeration Order d Order numbers to 999 Order numbers to 9999
	Standard 5: Data		**Standard 5: Data Analysis,**	**Standard 5: Data Analysis, Probability,**

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Analysis, Probability, and Statistics		**Probability, and Statistics**	**and Statistics**
			Goal 5.1: Understand data analysis.	**Goal 5.1: Understand data analysis.**
			2.M.5.1.1 Interpret information found in simple tables, charts, bar graphs, and pictographs.	**2.M.5.1.1 Interpret information found in simple tables, charts, bar graphs, and pictographs.** PLATO® Math Expeditions B Graphs B - Graphs Solve problems: use a bar graph PLATO® Math Expeditions C Graphs C - Graphs Solve problems: pictographs PLATO® Math Expeditions D Graphs D - Graphs Solve problems: bar graph, pictograph
		Standard 5: Data Analysis, Probability, and Statistics Students in Grade 2 interpret information found in simple tables, charts, and graphs. Students gather and display data in tables, charts and graphs in order to answer a question.		
			Goal 5.2: Collect, organize, and display data.	**Goal 5.2: Collect, organize, and display data.**
			2.M.5.2.1 Gather and display data in tables, charts, and bar graphs in order to answer a question.	**2.M.5.2.1 Gather and display data in tables, charts, and bar graphs in order to answer a question.** PLATO® Math Expeditions B Graphs B - Graphs Solve problems: use a bar graph

Grade Level Grade 2	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				PLATO® Math Expeditions C Graphs C Solve problems: pictographs PLATO® Math Expeditions D · Graphs D - Graphs Solve problems: bar graph, pictograph

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
MATHEMATICS	**Standard 1: Number and Operation**	**Standard 1: Number and Operation** Students in Grade 3 read, write, compare, and order whole numbers to 10,000 and identify place value through 9,999. Students count the value of a collection of bills and coins up to $10.00. Students use concrete material to recognize and represent commonly used fractions. Students add and subtract whole numbers with and without regrouping through 999 and students recall basic addition and subtraction facts through 18. Students multiply whole numbers through 10 x 10.	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **3.M.1.1.1 Read, write, compare, and order whole numbers to 10,000.**	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **3.M.1.1.1 Read, write, compare, and order whole numbers to 10,000.** PLATO® Math Expeditions C Numeration C - Compare Compare numbers through 99 Numeration C - Order Order numbers through 99 Order numbers through 999 PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 Numeration D - Order Order numbers to 999 Order numbers to 9999 Numeration D - Place Value Write standard form to 9999 Write standard form to 999,999 PLATO® Math Expeditions E Numeration E - Compare Compare numbers to 999,999 Numeration E - Order Order numbers to 999,999

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.1.1.2 Identify place value through 9,999.	**3.M.1.1.2 Identify place value through 9,999.** PLATO® Math Expeditions C Numeration C - Place Value Identify tens & ones to 99 Write standard form to 99 Write standard form to 999 Number Operations C - Subtraction Renaming readiness PLATO® Math Expeditions E Numeration E - Place Value Identify place value to millions
			3.M.1.1.3 Count the value of a collection of bills and coins up to $10.00.	**3.M.1.1.3 Count the value of a collection of bills and coins up to $10.00.** PLATO® Math Expeditions C Money C - Money Compare money to $2.00 PLATO® Math Expeditions D Number Operations D - Multiplication Multiply with money
			3.M.1.1.4 Recognize, name, and represent commonly used fractions using concrete materials.	**3.M.1.1.4 Recognize, name, and represent commonly used fractions using concrete materials.** PLATO® Math Expeditions C Fractions C - Fractions Halves, thirds, fourths, tenths PLATO® Math Expeditions D Fractions D - Fractions Equivalent fractions

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.1.1.5 Recognize mathematical information and select strategies appropriate for solving a multi-step problem.	**3.M.1.1.5 Recognize mathematical information and select strategies appropriate for solving a multi-step problem.** Projects for the Real World: Level D Problem Solving Endangered Animals Smart Shopper Student Activity Book
			3.M.1.1.6 Use appropriate vocabulary.	**3.M.1.1.6 Use appropriate vocabulary.** PLATO® Math Expeditions C Numeration C - Compare Compare numbers through 99 PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 PLATO® Math Expeditions E Numeration E - Compare Compare numbers to 999,999 Decimals E - Decimals Compare, order & round decimals
			Goal 1.2: Perform computations accurately.	**Goal 1.2: Perform computations accurately.**

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.1.2.1 Recall basic addition and subtraction facts through 18.	**3.M.1.2.1 Recall basic addition and subtraction facts through 18.** PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 10 Add two numbers with sums to 12 Add two numbers with sums to 18 Number Operations C - Subtraction Subtract numbers through 12 Subtract numbers through 18 PLATO® Math Expeditions D Number Operations D - Addition Add two numbers with sums to 18 Number Operations D - Subtraction Subtract numbers 13 to 18 PLATO® Math Expeditions E Number Operations E - Subtraction Subtract numbers 13-18
			3.M.1.2.2 Add and subtract whole numbers with and without regrouping through 999.	**3.M.1.2.2 Add and subtract whole numbers with and without regrouping through 999.** PLATO® Math Expeditions C Number Operations C - Addition Add two 2-digits Add two 2-digits using money Number Operations C - Subtraction Renaming readiness Subtract 2-digit numbers Subtract multiples of 10 Subtract two 2-digits Subtract with money

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Subtract 3-digit numbers PLATO® Math Expeditions D Number Operations D - Addition Add two 2-digit numbers Add two 2, 3, or 4-digit numbers Number Operations D - Subtraction Subtract 2D from multiples of 10 Subtract two 2-digit numbers Subtract 3-digit numbers Subtract 4-digit numbers PLATO® Math Expeditions E Number Operations E - Addition Add two or more numbers Number Operations E - Subtraction Subtract 2 or 3-digit numbers Subtract 4 of 5-digit numbers
			3.M.1.2.3 Add three one- and two- digit addends.	**3.M.1.2.3 Add three one- and two- digit addends.** PLATO® Math Expeditions D Number Operations D - Addition Add three or more 2-digit numbers PLATO® Math Expeditions E Number Operations E - Addition Add two or more numbers
			3.M.1.2.4 Multiply whole numbers through 10 x 10.	**3.M.1.2.4 Multiply whole numbers through 10 x 10.** PLATO® Math Expeditions C Number Operations C - Multiplication Multiply by twos Multiply by threes

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Multiply by fours Multiply by fives PLATO® Math Expeditions D Number Operations D - Multiplication Multiply with zero through five Multiply with fives and sixes Multiply with sevens and eights Multiply with nines PLATO® Math Expeditions E Number Operations E - Multiplication Multiply with zero through five Multiply with fives and sixes Multiply with sevens and eights Multiply with nines
			3.M.1.2.6 Use appropriate operations to solve word problems and show or explain work.	**3.M.1.2.6 Use appropriate operations to solve word problems and show or explain work.** Projects for the Real World: Level D Problem Solving Endangered Animals Smart Shopper Student Activity Book Math Fundamentals Subtraction; Module: Problem Solving 1
			Goal 1.3: Estimate and judge reasonableness of results. **3.M.1.3.1 Estimate to predict sums and differences.**	**Goal 1.3: Estimate and judge reasonableness of results.** **3.M.1.3.1 Estimate to predict sums and differences.**

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				PLATO® Math Expeditions D Number Operations D - Addition Estimate sums Number Operations D - Subtraction Estimate differences PLATO® Math Expeditions E Number Operations E - Addition Estimate sums Number Operations E - Subtraction Estimate differences
			3.M.1.3.2 Use estimation to evaluate the reasonableness of a sum or difference.	**3.M.1.3.2 Use estimation to evaluate the reasonableness of a sum or difference.** PLATO® Math Expeditions D Number Operations D - Addition Estimate sums Number Operations D - Subtraction Estimate differences PLATO® Math Expeditions E Number Operations E - Addition Estimate sums Number Operations E - Subtraction Estimate differences

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 2: Concepts and Principles of Measurement	**Standard 2: Concepts and Principles of Measurement** Students in Grade 3 select and use appropriate units and tools to make formal measurements of time, length, temperature, and perimeter in both systems. Students estimate measurements in real-world problems using standard units. Students tell time using digital and analog clocks using five-minute intervals.	**Standard 2: Concepts and Principles of Measurement** **Goal 2.1: Understand and use U.S. customary and metric measurements.** **3.M.2.1.1 Select and use appropriate units and tools to make formal measurements of length and temperature in both systems.** **3.M.2.1.2 Estimate length, time, and weight in real-world problems using standard units.**	**Standard 2: Concepts and Principles of Measurement** **Goal 2.1: Understand and use U.S. customary and metric measurements.** **3.M.2.1.1 Select and use appropriate units and tools to make formal measurements of length and temperature in both systems.** PLATO® Math Expeditions C Measurement C - Length Identify units of length PLATO® Math Expeditions D Measurement D - Length Measurement D - Capacity Identify units of temperature PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature **3.M.2.1.2 Estimate length, time, and weight in real-world problems using standard units.** PLATO® Math Expeditions C Measurement C - Length

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Identify units of length Measurement C - Mass, Weight Metric units of mass PLATO® Math Expeditions D Measurement D - Length Identify units of length PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature
			3.M.2.1.3 Tell time using digital and analog clocks using quarter hour and five minute intervals.	**3.M.2.1.3 Tell time using digital and analog clocks using quarter hour and five minute intervals.** PLATO® Math Expeditions C Time C - Time Tell time to 5 minutes
			3.M.2.1.4 Solve real world problems related to time.	**3.M.2.1.4 Solve real world problems related to time.** Projects for the Real World: Level C Keeping Healthy 1.2.a.b, 1.3.a, 2.3.a.b.c, 3.3.a Student Activity Book

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.2.1.5 Identify relationships of length and time within the U.S. customary system and within the metric system.	**3.M.2.1.5 Identify relationships of length and time within the U.S. customary system and within the metric system.** Projects for the Real World : Level C Maps Keeping Healthy Keeping Healthy 1.2.a.b
			3.M.2.1.6 State that there are 24 hours in a day, 7 days in a week, and 12 months in a year.	**3.M.2.1.6 State that there are 24 hours in a day, 7 days in a week, and 12 months in a year.** Math Expeditions D: Time D Tell Time to the Minute Solve problems: Calendar Foundational Math: Telling time to the minute
	Standard 3: Concepts and Language of Algebra and Functions	**Standard 3: Concepts and Language of Algebra and Functions** Students in Grade 3 write a multiplication problem vertically and horizontally. Students read and use the symbols of "<," ">," and "=" to express relationships with numbers through 9,999.	**Standard 3: Concepts and Language of Algebra and Functions** **Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.**	**Standard 3: Concepts and Language of Algebra and Functions** **Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.**

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
		Students use the commutative property of multiplication. Students extend a growing arithmetic, numerical pattern when given a rule with a single operation of one digit addition.	**3.M.3.1.1Write a multiplication problem vertically and horizontally.**	**3.M.3.1.1Write a multiplication problem vertically and horizontally.** PLATO® Math Expeditions D Number Operations D - Multiplication Multiply with zero through five
			3.M.3.1.4 Read and use symbols (<, >, =) to express relationships with numbers through 9,999.	**3.M.3.1.4 Read and use symbols (<, >, =) to express relationships with numbers through 9,999.** PLATO® Math Expeditions C Numeration C - Compare Compare numbers through 99 PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 PLATO® Math Expeditions E Numeration E - Compare Compare numbers to 999,999 Decimals E - Decimals Compare, order & round decimals
			Goal 3.2: Evaluate algebraic expressions.	**Goal 3.2: Evaluate algebraic expressions.**
			3.M.3.2.1 Use the commutative property of multiplication.	**3.M.3.2.1 Use the commutative property of multiplication.** PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 18

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.3.2.2 Solve multiplication problems using the commutative property (e.g., If 24 x 38 = 912, then what is 38 x 24?).	**3.M.3.2.2 Solve multiplication problems using the commutative property (e.g., If 24 x 38 = 912, then what is 38 x 24?).** PLATO® Math Expeditions C Number Operations C - Addition Add two numbers with sums to 18
	Standard 4: Concepts and Principles of Geometry	**Standard 4: Concepts and Principles of Geometry** Students in Grade 3 identify, compare, and analyze attributes of two- and three- dimensional shapes, including right angles, squares, and three-dimensional shapes in the environment, and students develop vocabulary to describe the attributes. Students identify vertical and horizontal lines of symmetry.	**Standard 4: Concepts and Principles of Geometry**	**Standard 4: Concepts and Principles of Geometry**
			Goal 4.1: Apply concepts of size, shape, and spatial relationships.	**Goal 4.1: Apply concepts of size, shape, and spatial relationships.**
			3.M.4.1.1 Identify, compare, and analyze attributes of two- and three- dimensional shapes, including right angles, squares, and three-dimensional shapes in environment, and develop vocabulary to describe the attributes.	**3.M.4.1.1 Identify, compare, and analyze attributes of two- and three-dimensional shapes, including right angles, squares, and three-dimensional shapes in environment, and develop vocabulary to describe the attributes.** PLATO® Math Expeditions C Geometry C - Geometry Identify plane shapes Identify solid shapes PLATO® Math Expeditions E Geometry E - Geometry Classify points, lines & angles Identify geometric shapes

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.4.1.2 Discuss sliding and flipping of two-dimensional shapes.	**3.M.4.1.2 Discuss sliding and flipping of two-dimensional shapes.** ***PLATO Modules are not available at this level for this learning expectation. (See higher levels)***.
			3.M.4.1.3 Identify vertical and horizontal lines of symmetry.	**3.M.4.1.3 Identify vertical and horizontal lines of symmetry.** Foundational Math: Line Symmetry in Plane Figures Projects for the Real World: Level C Display the Buttons; Make a button Display Projects for the Real world: Level D Body 1.1.b World of Insects
			Goal 4.3: Apply graphing in two dimensions.	**Goal 4.3: Apply graphing in two dimensions.**
			3.M.4.3.1 Identify the point of final destination given directions for movement on a positive number line.	**3.M.4.3.1 Identify the point of final destination given directions for movement on a positive number line.** PLATO® Foundational Math Understanding Addition and Subtraction 1 Understanding Addition: Number Line and Hundreds Chart

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 5: Data Analysis, Probability, and Statistics	**Standard 5: Data Analysis, Probability, and Statistics** Students in Grade 3 interpret information found in tables, bar graphs, and charts. Students collect, organize, and display data in tables, charts, or bar graphs in order to answer a question. Idaho Standards Policy Statements/Grade 4/Mathematics/2-1-06 Page 5 a. Read, write, order, and compare whole numbers to 10,000.	**Standard 5: Data Analysis, Probability, and Statistics** **Goal 5.1: Understand data analysis.** **3.M.5.1.1 Interpret information found in tables, bar graphs, and charts.** **3.M.5.1.2 Use appropriate vocabulary.** **Goal 5.2: Collect, organize, and display data.**	**Standard 5: Data Analysis, Probability, and Statistics** **Goal 5.1: Understand data analysis.** **3.M.5.1.1 Interpret information found in tables, bar graphs, and charts.** PLATO® Math Expeditions D Graphs D - Graphs Solve problems: bar graph, pictograph PLATO® Math Expeditions E Graphs E - Graphs Data from graphs **3.M.5.1.2 Use appropriate vocabulary.** Math Expeditions D Number Operations D-Division; Divide by 2-5 Number Operations D – Multiplication; Multiply with zero through five Number Operations D- Division; Divide by 6-9 **Goal 5.2: Collect, organize, and display**

Grade Level Grade 3	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			3.M.5.2.1 Collect, organize, and display data in tables, charts, or bar graphs in order to answer a question.	**data.** **3.M.5.2.1 Collect, organize, and display data in tables, charts, or bar graphs in order** **to answer a question.** Math Expeditions C Graphs C - Graphs Solve Problems: bar graphs, pictograph Math Expeditions D Graphs D - Graphs Solve problems: bar graph, pictograph Math Expeditions E Graphs E – Graphs Data from Graphs
			Goal 5.5: Make predictions or decisions based on data.	**Goal 5.5: Make predictions or decisions based on data.**
			3.M.5.5.1 Make predictions based on data.	**3.M.5.5.1 Make predictions based on data.** Projects for the Real World: level C About Collectors; Read and Make Collections Graphs Projects for the real world: Level D Make a Decision; Take a close Look at how Students Voted

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
MATHEMATICS	**Standard 1: Number and Operation**	**Standard 1: Number and Operation** Students in Grade 4 read, write, compare, and order whole numbers to 1,000,000 and commonly used fractions with pictorial representations. Students identify and apply place value in whole numbers. Students add and subtract whole numbers, fractions with like denominators that do not require simplification, and decimals using money. Students recall multiplication facts through ten, multiply up to two-digit by two-digit whole numbers, and divide whole numbers by onedigit divisors. Students estimate to predict computation results and to evaluate the reasonableness of the answer.	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **4.M.1.1.1 Read, write, compare, and order whole numbers to 100,000.**	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **4.M.1.1.1 Read, write, compare, and order whole numbers to 100,000.** PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 Numeration D - Order Order numbers to 999 Order numbers to 9999 Numeration D - Place Value Write standard form to 999,999 PLATO® Math Expeditions E Numeration E - Compare Compare numbers to 999,999 Numeration E - Order Order numbers to 999,999 Numeration E - Place Value Identify place value to millions PLATO® Math Expeditions F Numeration F - Compare Compare numbers to 999,999 Numeration F - Order Order numbers to 999,999 Numeration F - Place Value Identify place value to millions

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			4.M.1.1.2 Identify and apply place value in whole numbers.	**4.M.1.1.2 Identify and apply place value in whole numbers.** PLATO® Math Expeditions E Numeration E - Place Value Identify place value to millions PLATO® Math Expeditions F Numeration F - Place Value
			4.M.1.1.3 Count the value of a collection of bills and coins up to $100.00.	**4.M.1.1.3 Count the value of a collection of bills and coins up to $100.00.** Math Expeditions - Manipulatives Projects for the Real World: Level D Smart Shopper
			4.M.1.1.4 Read, write, compare, and order commonly used fractions with pictorial representations.	**4.M.1.1.4 Read, write, compare, and order commonly used fractions with pictorial representations.** PLATO® Math Expeditions D Fractions D - Fractions Equivalent fractions PLATO® Math Expeditions E Fractions E - Fractions Compare equivalent fractions
			4.M.1.1.5 Use decimal numbers with money.	**4.M.1.1.5 Use decimal numbers with money.** PLATO® Math Expeditions D Number Operations D - Multiplication Multiply with money PLATO® Math Expeditions E

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Decimals E - Decimals Compare, order & round decimals PLATO® Math Expeditions F Decimals F - Decimals
			4.M.1.1.6 Select strategies appropriate for solving a problem.	**4.M.1.1.6 Select strategies appropriate for solving a problem.** Math Fundamentals Subtraction; Module: Problem Solving 1 Multiplication; Module: Problem Solving 2 Division; Module: Problem Solving 3 Fractions; Module: Problem Solving 4 Decimals; Module: Problem Solving 5
			4.M.1.1.7 Use appropriate vocabulary.	**4.M.1.1.7 Use appropriate vocabulary.** PLATO® Math Expeditions D Numeration D - Compare Compare numbers to 999 Compare numbers to 9999 PLATO® Math Expeditions E Numeration E - Compare Compare numbers to 999,999 Decimals E - Decimals Compare, order & round decimals PLATO® Math Expeditions F Numeration F - Compare Compare numbers to 999,999 Decimals F - Decimals Compare, order & round decimals

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			Goal 1.2: Perform computations accurately.	**Goal 1.2: Perform computations accurately.**
			4.M.1.2.1 Recall multiplication facts through 10 x 10.	**4.M.1.2.1 Recall multiplication facts through 10 x 10.** PLATO® Math Expeditions D Number Operations D - Multiplication Multiply with zero through five Multiply with fives and sixes Multiply with sevens and eights Multiply with nines PLATO® Math Expeditions E Number Operations E - Multiplication Multiply with zero through five Multiply with fives and sixes Multiply with sevens and eights Multiply with nines
			4.M.1.2.2 Add and subtract whole numbers.	**4.M.1.2.2 Add and subtract whole numbers.** PLATO® Math Expeditions D Number Operations D - Addition Add three 1-digit numbers to 18 Add three or more 1-digit numbers Add three or more 2-digit numbers Number Operations D - Subtraction Subtract 2D from multiples of 10 Subtract two 2-digit numbers Subtract 3-digit numbers Subtract 4-digit numbers PLATO® Math Expeditions E Number Operations E - Addition Use mental math to add

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Add two or more numbers Number Operations E - Subtraction Subtract 2 or 3-digit numbers Subtract 4 of 5-digit numbers PLATO® Math Expeditions F Number Operations F - Addition Add two or more numbers Number Operations F - Subtraction Subtract numbers up to 6-digits Subtract numbers with zeros
			4.M.1.2.3 Multiply up to two-digit by two-digit whole numbers and divide whole numbers by one-digit divisors.	**4.M.1.2.3 Multiply up to two-digit by two-digit whole numbers and divide whole numbers by one-digit divisors.** PLATO® Math Expeditions D Number Operations D - Division Divide by 1-digit, with remainders Divide by 1-digit numbers Divide 3-digit by 1-digit numbers PLATO® Math Expeditions E Number Operations E - Multiplication Multiply 2-digit by 2-digit numbers Multiply 3-digit by 2-digit numbers Number Operations E - Division Divide by 1-9 with remainders Divide 2-digit by 1-digit with remainders Divide 3-digit by 1-digit with remainders A Divide 3-digit by 1 digit with remainders B PLATO® Math Expeditions F Number Operations F - Multiplication Multiply 2-digit by 2-digit numbers

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Multiply 3-digit by 2-digits Multiply by 3-digit numbers Number Operations F - Division Divide 2-digit by 1-digit with remainders Divide 3-digit by 1 digit with remainders A Divide 3-digit by 1-digit with remainders B Divide 3-digit and 4-digit by 1-digit with 0
			4.M.1.2.4 Add and subtract fractions with like denominators that do not require simplification.	**4.M.1.2.4 Add and subtract fractions with like denominators that do not require simplification.** PLATO® Math Expeditions D Fractions D - Fractions Add and subtract fractions PLATO® Math Expeditions E Fractions E - Fractions Add & subtract same fractions PLATO® Math Expeditions F Fractions F - Fractions
			4.M.1.2.5 Add and subtract decimals using money.	**4.M.1.2.5 Add and subtract decimals using money.** PLATO® Math Expeditions D Number Operations D - Addition Add money Number Operations D - Subtraction Subtract with money Decimals D - Decimals Add and subtract decimals PLATO® Math Expeditions E

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Decimals E - Decimals Add & subtract decimals PLATO® Math Expeditions F Decimals F - Decimals
			4.M.1.2.6 Select and use an appropriate method of computation from mental math, paper and pencil, calculator, or a combination of the three	**4.M.1.2.6 Select and use an appropriate method of computation from mental math, paper and pencil, calculator, or a combination of the three**.
			4.M.1.2.7 Select and use appropriate operations to solve word problems and show or explain work.	**4.M.1.2.7 Select and use appropriate operations to solve word problems and show or explain work.** Projects for the Real World: level D Your Skeleton; Count the Bones Learn from Mistakes; Beware of Fads Projects for the Real World: Level E News Desk Desert Survival
			Goal 1.3: Estimate and judge reasonableness of results.	**Goal 1.3: Estimate and judge reasonableness of results.**
			4.M.1.3.1 Estimate to predict computation results.	**4.M.1.3.1 Estimate to predict computation results.** PLATO® Math Expeditions D Number Operations D - Addition Estimate sums Number Operations D - Subtraction

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Estimate differences Number Operations D - Multiplication Estimate products PLATO® Math Expeditions E Number Operations E - Addition Estimate sums Number Operations E - Subtraction Estimate differences Number Operations E - Multiplication Estimate products Number Operations E - Division Estimate quotients PLATO® Math Expeditions F Number Operations F - Addition Estimate sums Number Operations F - Subtraction Estimate differences Number Operations F - Multiplication Estimate products Number Operations F - Division Estimate quotients
			4.M.1.3.2 Use estimation to evaluate the reasonableness of an answer.	**4.M.1.3.2 Use estimation to evaluate the reasonableness of an answer.** Math Expeditions D Number Operations D; Addition; Estimate Sums Number Operations D; Subtraction: Estimate Differences Number Operations D; Multiplication: Estimate Products Number Operations E; Addition; Estimate

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Sums Number Operations E; Subtraction: Estimate Differences Number Operations E; Multiplication: Estimate Products Number Operations E; Division: Estimate Quotients Number Operations F; Addition; Estimate Sums Number Operations F; Subtraction: Estimate Differences Number Operations F; Multiplication: Estimate Products Number Operations F; Division: Estimate Quotients
			4.M.1.3.3 Investigate the use of a four-function calculator to solve complex grade level problems.	**4.M.1.3.3 Investigate the use of a four-function calculator to solve complex grade level problems.** Projects for the Real World: Level D Your Skeleton; Count the Bones Projects for the Real World: Level E News Desk Desert Survival

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 2: Concepts and Principles of Measurement	**Standard 2: Concepts and Principles of Measurement** Students in Grade 4 select and use appropriate units and tools to make the formal measurements of time, length, temperature, weight, and capacity in both systems. Estimate measurement in real-world problems using standard units. Students convert units of length and time within the U. S. Customary system. Students tell time to the nearest minute using digital and analog clocks.	**Standard 2: Concepts and Principles of Measurement** **Goal 2.1: Understand and use U.S. customary and metric measurements.** **4.M.2.1.1 Select and use appropriate units and tools to make the formal measurements of length, temperature, and weight in both systems.**	**Standard 2: Concepts and Principles of Measurement** **Goal 2.1: Understand and use U.S. customary and metric measurements.** **4.M.2.1.1 Select and use appropriate units and tools to make the formal measurements of length, temperature, and weight in both systems.** PLATO® Math Expeditions D Measurement D - Length Identify units of length Measurement D - Capacity Identify units of temperature PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature PLATO® Math Expeditions F Measurement F - Length Metric units of length Measurement F - Capacity Metric units capacity, mass, temperature

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			4.M.2.1.2 Estimate length, time, weight, and temperature in real-world problems using standard units.	**4.M.2.1.2 Estimate length, time, weight, and temperature in real-world problems using standard units.** PLATO® Math Expeditions D Measurement D - Capacity Identify units of temperature PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature PLATO® Math Expeditions F Measurement F - Length Metric units of length Measurement F - Capacity Metric units capacity, mass, temperature
			4.M.2.1.3 Tell time to the nearest minute using digital and analog clocks.	**4.M.2.1.3 Tell time to the nearest minute using digital and analog clocks.** PLATO® Math Expeditions D Time D - Time Tell time to the minute
			4.M.2.1.4 Solve real-world problems related to elapsed time.	**4.M.2.1.4 Solve real-world problems related to elapsed time.** PLATO Modules are not available at this learning expectation. (see higher levels).

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			4.M.2.1.5 Convert units of length and time within the U. S. Customary system.	**4.M.2.1.5 Convert units of length and time within the U. S. Customary system.** Math Expeditions D; Time D: Time Tell time to the minute Measurement D; Length: Identify units of length
			4.M.2.1.7 Recall length and volume (capacity) equivalences involving inches, feet, yards, cups, pints, quarts, and gallons in the U.S. Customary system.	**4.M.2.1.7 Recall length and volume (capacity) equivalences involving inches, feet,** **yards, cups, pints, quarts, and gallons in the U.S. Customary system.** PLATO® Math Expeditions D Measurement D - Length Identify units of length
	Standard 3: Concepts and Language of Algebra and Functions	**Standard 3: Concepts and Language of Algebra and Functions** Students in Grade 4 write a division problem using a bracket (⌐), the division symbol (÷), and as a fraction. Students write a number sentence using simple geometric shapes or letters of the alphabet as symbols to represent an unknown number. Students read and use the symbols of "<,"	**Standard 3: Concepts and Language of Algebra and Functions**	**Standard 3: Concepts and Language of Algebra and Functions**
			Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.	**Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.**

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
		">," and "=" to express relationships with numbers through 1,000,000. Students use the identity and zero properties of multiplication and solve missing factor equations. Students identify the rule for a pattern using whole numbers and addition and then extend the pattern.	**4.M.3.1.1Write a division problem using a bracket (⌐) and/or the division symbol (÷).**	**4.M.3.1.1Write a division problem using a bracket (⌐) and/or the division symbol (÷).** PLATO® Math Expeditions D Number Operations D - Division Divide by 2-5 Divide by 6-9
			4.M.3.1.2Write a number sentence using simple geometric shapes or letters of the alphabet as symbols to represent an unknown number.	**4.M.3.1.2Write a number sentence using simple geometric shapes or letters of the alphabet as symbols to represent an unknown number.** Math Fundamentals Addition; Module: Addition Facts 1 Multiplication; Module: Multiplication Facts 2 Multiplication; Module: Multiplication Facts 1 Addition; Module: Addition Facts 2 Division; Module Division Facts Subtraction; Module: Subtraction Facts Division; Module: Division Skills 6 Division; Module: Division Review II
			4.M.3.1.3 Show the relationship between multiplication and division using fact families.	**4.M.3.1.3 Show the relationship between multiplication and division using fact families.** PLATO® Math Expeditions E Number Operations E - Division Divide by 1-9 with remainders

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			Goal 3.2: Evaluate algebraic expressions.	**Goal 3.2: Evaluate algebraic expressions.**
			4.M.3.2.1 Use the identity and zero properties of multiplication.	**4.M.3.2.1 Use the identity and zero properties of multiplication.** PLATO® Math Expeditions D Number Operations D - Multiplication Multiply with zero through five PLATO® Math Expeditions E Number Operations E - Multiplication Multiply with zero through five PLATO® Foundational Math Understanding Multiplication Using the Identity Property of Multiplication
	Standard 4: Concepts and Principles of Geometry	**Standard 4: Concepts and Principles of Geometry** Students in Grade 4 identify, compare, and analyze attributes of two- and three- dimensional shapes, including parallel and intersecting perpendicular lines, and students develop vocabulary to describe the attributes. Students identify multiple lines of symmetry in two-dimensional shapes and students	**Standard 4: Concepts and Principles of Geometry**	**Standard 4: Concepts and Principles of Geometry**
			Goal 4.1: Apply concepts of size, shape, and spatial relationships.	**Goal 4.1: Apply concepts of size, shape, and spatial relationships.**
			4.M.4.1.1 Identify, compare, and analyze attributes of two- and three- dimensional shapes, including parallel, intersecting, and perpendicular lines, and develop vocabulary to describe the attributes.	**4.M.4.1.1 Identify, compare, and analyze attributes of two- and three-dimensional shapes, including parallel, intersecting, and perpendicular lines, and develop vocabulary to describe the attributes.** PLATO® Math Expeditions E Geometry E - Geometry Classify points, lines & angles

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
		discuss perimeters of polygons, and areas and perimeters of rectangles and squares, using concrete objects. Students predict the results of sliding and flipping twodimensional shapes.		Identify geometric shapes PLATO® Math Expeditions F Geometry F - Geometry Classify points, lines & angles Identify geometric shapes Measure angles
			4.M.4.1.2 Predict the results of sliding and flipping two-dimensional shapes.	**4.M.4.1.2 Predict the results of sliding and flipping two-dimensional shapes.** Cumberland Island: Geometry: Identify congruent & similar Math Expeditions Level F Everglades: Geometry: Identify congruent & similar Math Expeditions Level G
			4.M.4.1.3 Identify multiple lines of symmetry in two-dimensional shapes.	**4.M.4.1.3 Identify multiple lines of symmetry in two-dimensional shapes.** Foundational Math; Line symmetry in Plane Figures
			4.M.4.1.4 Discuss perimeters of polygons, and areas and perimeters of rectangles and squares, using concrete objects.	**4.M.4.1.4 Discuss perimeters of polygons, and areas and perimeters of rectangles and squares, using concrete objects.** PLATO® Math Expeditions D Geometry D - Geometry Determine perimeter of a polygon PLATO® Math Expeditions E Geometry E - Geometry Find the perimeter PLATO® Math Expeditions F Geometry F - Geometry

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Find the area
			Goal 4.3: Apply graphing in two dimensions.	**Goal 4.3: Apply graphing in two dimensions.**
			4.M.4.3.1 Use ordered pairs to identify the position of a point in the first quadrant on a coordinate grid.	**4.M.4.3.1 Use ordered pairs to identify the position of a point in the first quadrant on a coordinate grid.** PLATO® Math Expeditions E Geometry E - Geometry Classify points, lines & angles PLATO® Math Expeditions F Geometry F - Geometry Locate coordinate points
	Standard 5: Data Analysis, Probability, and Statistics	**Standard 5: Data Analysis, Probability, and Statistics** Students in Grade 4 collect, order, and display data in appropriate notation in tables, charts, and graphs, including bar graphs, tally charts, and	**Standard 5: Data Analysis, Probability, and Statistics** **Goal 5.1: Understand data analysis.** **4.M.5.1.1 Read and interpret simple tables, charts, bar graphs, and line graphs.**	**Standard 5: Data Analysis, Probability, and Statistics** **Goal 5.1: Understand data analysis.** **4.M.5.1.1 Read and interpret simple tables, charts, bar graphs, and line graphs.** PLATO® Math Expeditions D Graphs D - Graphs

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
		pictographs, in order to answer a question. Students determine a mode of a set of whole numbers. Idaho Standards Policy Statements/Grade 5/Mathematics/2-1-06 Page 6		Solve problems: bar graph, pictograph PLATO® Math Expeditions E Graphs E - Graphs Data from graphs PLATO® Math Expeditions F Graphs F - Graphs Data from graphs
		a. Read, write, order, and compare whole numbers to 1,000,000, commonly used fractions, and decimals through hundredths.	**4.M.5.1.2 Use appropriate vocabulary.**	**4.M.5.1.2 Use appropriate vocabulary.** Math Fundamentals Course: Subtraction; Module: Meaning of Subtraction Course: Addition; Module: Meaning of Addition
			Goal 5.2: Collect, organize, and display data.	**Goal 5.2: Collect, organize, and display data.**
			4.M.5.2.1 Collect, organize, and display data in tables and charts to answer a question.	**4.M.5.2.1 Collect, organize, and display data in tables and charts to answer a question.** Math Expeditions D; Graphs D: Graphs Solving problems: bar graph, pictograph Math Expeditions E; Graphs E: Graphs Data from graphs Math Expeditions F; Graphs F: Graphs Data from Graphs
			Goal 5.3: Apply simple	**Goal 5.3: Apply simple statistical**

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			statistical measurements.	**measurements.**
			4.M.5.3.1 Find the mode of a simple set of whole number data.	**4.M.5.3.1 Find the mode of a simple set of whole number data.** PLATO® Math Expeditions F Probability F - Probability Range, median, mode & mean
			Goal 5.4: Understand basic concepts of probability.	**Goal 5.4: Understand basic concepts of probability.**
			4.M.5.4.1 Predict the results of simple probability experiments using coins or spinners (e.g., 3 out of 6 choices).	**4.M.5.4.1 Predict the results of simple probability experiments using coins or spinners (e.g., 3 out of 6 choices).**
			Goal 5.5: Make predictions or decisions based on data.	**Goal 5.5: Make predictions or decisions based on data.**
			4.M.5.5.1 Make predictions based on data.	**4.M.5.5.1 Make predictions based on**

Grade Level Grade 4	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				data. Projects for the Real World; Level D Make a Decision: Take a Close Look at How Students Voted Projects for the Real World; Level F Disaster Plan; What could happen? The Weather maker; Wind Speed Projects for the Real World; Level E Define the problem; What's the Problem Climate Changes; Desert Climate

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 1: Number and Operation	**Standard 1: Number and Operation** Students in Grade 5 read, write, compare, and order whole numbers through billions and decimal numbers through thousandths. Students identify commonly used equivalent fractions. Students add and subtract fractions with like denominators without simplification and decimals through thousandths, including making change. Students recall basic multiplication and division facts up to 10's and students multiply and divide whole numbers. Students select and use an appropriate method of computation from mental math, paper and pencil, calculator or combination of the three and students estimate to predict computation results.	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **5.M.1.1.1 Read, write, compare, and order whole numbers through millions and decimal numbers through thousandths.**	**Standard 1: Number and Operation** **Goal 1.1: Understand and use numbers.** **5.M.1.1.1 Read, write, compare, and order whole numbers through millions and decimal numbers through thousandths.** PLATO® Math Expeditions E Numeration E - Compare Compare numbers to 999,999 Numeration E - Order Order numbers to 999,999 Numeration E - Place Value Identify place value to millions Decimals E - Decimals Write decimals Compare, order & round decimals PLATO® Math Expeditions F Numeration F - Compare Compare numbers to 999,999 Numeration F - Order Order numbers to 999,999 Numeration F - Place Value Identify place value to millions Decimals F - Decimals Compare, order & round decimals

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				PLATO® Math Expeditions G Numeration G - Compare Compare numbers to millions Numeration G - Order Order numbers to millions Numeration G - Place Value Recognize place value in decimals
			5.M.1.1.2 Identify and apply place value in whole numbers and decimal numbers to thousandths.	**5.M.1.1.2 Identify and apply place value in whole numbers and decimal numbers to thousandths.** PLATO® Math Expeditions E Numeration E - Place Value Identify place value to millions PLATO® Math Expeditions F Numeration F - Place Value PLATO® Math Expeditions G Numeration G - Place Value Identify place value to billions Recognize place value in decimals
			5.M.1.1.4 Compare and order commonly used fractions and their equivalents.	**5.M.1.1.4 Compare and order commonly used fractions and their equivalents.** PLATO® Math Expeditions E Fractions E - Fractions Compare equivalent fractions PLATO® Math Expeditions G Fractions G - Fractions Compare & order fractions

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.1.1.5 Identify decimal equivalents of commonly used fractions.	**5.M.1.1.5 Identify decimal equivalents of commonly used fractions.** Foundational Math; Relating decimals, Fractions, and Mixed Numbers
			5.M.1.1.6 Apply the number theory concepts of primes, composites, multiples, and factors.	**5.M.1.1.6 Apply the number theory concepts of primes, composites, multiples, and factors.** PLATO® Math Expeditions E Number Operations E - Multiplication Multiples and common multiples
			5.M.1.1.7 Select strategies appropriate for solving a problem.	**5.M.1.1.7 Select strategies appropriate for solving a problem.**
			Goal 1.2: Perform computations accurately.	**Goal 1.2: Perform computations accurately.**
			5.M.1.2.1 Recall basic multiplication and division facts up to 10's.	**5.M.1.2.1 Recall basic multiplication and division facts up to 10's.** PLATO® Math Expeditions E Number Operations E - Multiplication Multiply with zero through five Multiply with fives and sixes Multiply with sevens and eights Multiply with nines

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.1.2.2 Add and subtract decimal numbers through thousandths.	**5.M.1.2.2 Add and subtract decimal numbers through thousandths.** PLATO® Math Expeditions E Decimals E - Decimals Add & subtract decimals PLATO® Math Expeditions F Decimals F - Decimals PLATO® Math Expeditions G Decimals G - Decimals Add and subtract decimals
			5.M.1.2.3 Multiply and divide whole numbers.	**5.M.1.2.3 Multiply and divide whole numbers.** PLATO® Math Expeditions E Number Operations E - Division Divide by 1-9 with remainders Divide 2-digit by 1-digit with remainders Divide 3-digit by 1-digit with remainders A Divide 3-digit by 1 digit with remainders B Divide by 2-digit with remainders A Divide by 2 digit with remainders B PLATO® Math Expeditions F Number Operations F - Division Divide 2-digit by 1-digit with remainders Divide 3-digit by 1 digit with remainders A Divide 3-digit by 1-digit with remainders B Divide 3-digit and 4-digit by 1-digit with 0 Divide by 2-digits with remainders Divide 3-digit and 4-digit by 2-digit A Divide 3-digit and 4-digit by 2-digit B PLATO® Math Expeditions G Number Operations G - Division Divide up to 5-digits by 1-digit numbers

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Divide 3, 4, or 5-digits by 1-digit numbers 2-digits, 3-digits divided by 2-digit, 1-digit quotient Divide by 2-digits, 2-digit quotient 3, 4, 5-digits divided by 2-digits 4, 5, 6-digits divided by 3-digits
			5.M.1.2.4 Add and subtract fractions with like denominators without simplification.	**5.M.1.2.4 Add and subtract fractions with like denominators without simplification.** PLATO® Math Expeditions E Fractions E - Fractions Add & subtract same fractions PLATO® Math Expeditions F Fractions F - Fractions
			5.M.1.2.5 Evaluate numerical expressions that include parentheses.	**5.M.1.2.5 Evaluate numerical expressions that include parentheses.** PLATO Modules are not available at this level for this learning expectation (see higher levels).
			5.M.1.2.7 Use a variety of strategies to solve real life problems.	**5.M.1.2.7 Use a variety of strategies to solve real life problems.** Math Fundamentals Multiplication; Module: Problem Solving 2 Division; Module: Problem Solving 3

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			Goal 1.3: Estimate and judge reasonableness of results. **5.M.1.3.1 Estimate to predict computation results.**	**Goal 1.3: Estimate and judge reasonableness of results.** **5.M.1.3.1 Estimate to predict computation results.** PLATO® Math Expeditions E Number Operations E - Addition Estimate sums Number Operations E - Subtraction Estimate differences Number Operations E - Multiplication Estimate products Number Operations E - Division Estimate quotients PLATO® Math Expeditions F Number Operations F - Addition Estimate sums Number Operations F - Subtraction Estimate differences Number Operations F - Multiplication Estimate products Number Operations F - Division Estimate quotients PLATO® Math Expeditions G Number Operations G - Addition Estimate sums Number Operations G - Subtraction Estimate differences Number Operations G - Multiplication Estimate products Number Operations G - Division Estimate quotients

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.1.3.5 Formulate conjectures and discuss why they must be or seem to be true.	**5.M.1.3.5 Formulate conjectures and discuss why they must be or seem to be true.** Projects for the Real World: level F Food Bank Projects for the Real World: Level F Climbing Mt. McKinley
	Standard 2: Concepts and Principles of Measurement	**Standard 2: Concepts and Principles of Measurement** Students in Grade 5 select and use appropriate units and tools to make formal measurements in both systems. Students measure perimeter and area in both systems. Students solve problems involving elapsed time, length, perimeter, and area and students convert units of length within each system.	**Standard 2: Concepts and Principles of Measurement**	**Standard 2: Concepts and Principles of Measurement**
			Goal 2.1: Understand and use U.S. customary and metric measurements.	**Goal 2.1: Understand and use U.S. customary and metric measurements.**
			5.M.2.1.1 Select and use appropriate units and tools to make formal measurements of length, temperature, weight, and volume (capacity) in both systems.	**5.M.2.1.1 Select and use appropriate units and tools to make formal measurements of length, temperature, weight, and volume (capacity) in both systems.** PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature PLATO® Math Expeditions F Measurement F - Length Metric units of length Measurement F - Capacity Metric units capacity, mass, temperature

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.2.1.2 Estimate length, time, weight, temperature, and volume (capacity) in real world problems using standard units.	**5.M.2.1.2 Estimate length, time, weight, temperature, and volume (capacity) in real world problems using standard units.** PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature PLATO® Math Expeditions F Measurement F - Length Metric units of length Measurement F - Capacity Metric units capacity, mass, temperature
			5.M.2.1.3 Tell time to the nearest second.	**5.M.2.1.3 Tell time to the nearest second.** PLATO Modules are not available at this learning expectation. (see higher levels).
			5.M.2.1.4 Solve real world problems related to elapsed time.	**5.M.2.1.4 Solve real world problems related to elapsed time.** Projects for the Real World: Level G Yellowstone Connection; Earth Energy Projects for the Real World: Level G Hot Spots in Time; Hot Spots Through Time Projects for the Real World: Level G Make TV Work for You: What Else Can I Do? Projects for the Real World: Level G Olympic Games 3.1

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.2.1.5 Calculate the perimeter of polygons and the area of rectangles and squares.	**5.M.2.1.5 Calculate the perimeter of polygons and the area of rectangles and squares.** PLATO® Math Expeditions E Geometry E - Geometry Find the perimeter PLATO® Math Expeditions F Geometry F - Geometry Find the area PLATO® Math Expeditions G Geometry G - Geometry Find the perimeter Find the area
			5.M.2.1.6 Convert units of length within each system.	**5.M.2.1.6 Convert units of length within each system.** Foundational Math: Measurement Measuring Length: Metric Units Measuring length: Customary Units
			5.M.2.1.7 Convert days into weeks and years and years into decades and centuries.	**5.M.2.1.7 Convert days into weeks and years and years into decades and centuries.** PLATO Modules are not available at this learning expectation.

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.2.1.8 Recall length, volume (capacity), and mass equivalences involving millimeters, centimeters, meters, milliliters, liters, grams, and kilograms in the metric system.	**5.M.2.1.8 Recall length, volume (capacity), and mass equivalences involving millimeters, centimeters, meters, milliliters, liters, grams, and kilograms in the metric system.** PLATO® Math Expeditions E Measurement E - Length Metric units of length Measurement E - Capacity Metric units capacity, mass, temperature PLATO® Math Expeditions F Measurement F - Length Metric units of length Measurement F - Capacity Metric units capacity, mass, temperature
	Standard 3: Concepts and Language of Algebra and Functions	**Standard 3: Concepts and Language of Algebra and Functions** Students in Grade 5 read and use symbols of "<," ">," and "=" to express relationships. Students solve missing factor problems. Students identify a rule for a pattern using whole numbers and students extend the pattern.	**Standard 3: Concepts and Language of Algebra and Functions**	**Standard 3: Concepts and Language of Algebra and Functions**
			Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.	**Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.**
			5.M.3.1.3Write a fact family when given two factors.	**5.M.3.1.3Write a fact family when given two factors.** Foundational Math; Understanding Addition & Subtraction 2 Addition & Subtraction Fact Families Foundational Math; Understanding

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Division Multiplication and Division Fact Families
			Goal 3.2: Evaluate algebraic expressions.	**Goal 3.2: Evaluate algebraic expressions.**
			5.M.3.2.1 Use the following properties as they relate to addition and multiplication: commutative, associative, and distributive.	**5.M.3.2.1 Use the following properties as they relate to addition and multiplication: commutative, associative, and distributive.** Foundational Math; Understanding Addition & Subtraction Using the Commutative Property of Addition Using the Associative Property of Addition Foundational Math; Understanding Multiplication Using the Commutative property of Multiplication Using the Associative Property of Multiplication Using the Distributive Property of Multiplication over Addition
			Goal 3.3: Solve algebraic equations and inequalities.	**Goal 3.3: Solve algebraic equations and inequalities.**
			5.M.3.3.1 Solve missing factor equations.	**5.M.3.3.1 Solve missing factor equations.** Foundational Math: Understanding Multiplication Finding the Missing Number in Multiplication

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
	Standard 4: Concepts and Principles of Geometry	**Standard 4: Concepts and Principles of Geometry** Students in Grade 5 identify, compare and analyze attributes of polygons and polyhedra and develop vocabulary to describe the attributes. Students identify and label points, lines, line segments, rays, and angles. Students calculate the perimeter of polygons and the area of rectangles and squares. Students use ordered pairs to identify and plot points in the first quadrant on a coordinate grid.	**Standard 4: Concepts and Principles of Geometry** **Goal 4.1: Apply concepts of size, shape, and spatial relationships.** **5.M.4.1.1 Identify, compare and analyze attributes of polygons and polyhedra and develop vocabulary to describe the attributes.** **5.M.4.1.2 Classify angles without formal measures as acute, right, obtuse, and/or straight.**	**Standard 4: Concepts and Principles of Geometry** **Goal 4.1: Apply concepts of size, shape, and spatial relationships.** **5.M.4.1.1 Identify, compare and analyze attributes of polygons and polyhedra and develop vocabulary to describe the attributes.** Math Expeditions E ·Geometry E - Geometry ·Identify geometric shapes Math Expeditions F ·Geometry F - Geometry **5.M.4.1.2 Classify angles without formal measures as acute, right, obtuse, and/or straight.** PLATO® Math Expeditions E Geometry E - Geometry Classify points, lines & angles PLATO® Math Expeditions F Geometry F - Geometry PLATO® Math Expeditions G Geometry G - Geometry

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.4.1.3 Identify and label points, lines, line segments, rays, and angles.	**5.M.4.1.3 Identify and label points, lines, line segments, rays, and angles.** PLATO® Math Expeditions E Geometry E - Geometry Classify points, lines & angles PLATO® Math Expeditions F Geometry F - Geometry Measure angles PLATO® Math Expeditions G Geometry G - Geometry Classify points, lines & angles Measure angles
			5.M.4.1.4 Discuss and predict the results of sliding, flipping, and turning twodimensional shapes.	**5.M.4.1.4 Discuss and predict the results of sliding, flipping, and turning twodimensional shapes.** PLATO® Math Expeditions G Geometry G - Geometry Identify congruent & similar
			5.M.4.1.5 Identify shapes as congruent, similar, or symmetrical.	**5.M.4.1.5 Identify shapes as congruent, similar, or symmetrical.** PLATO® Math Expeditions F Geometry F - Geometry Identify congruent & similar PLATO® Math Expeditions G Geometry G - Geometry

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
			5.M.4.1.6 Explain the difference between perimeter and area of a polygon.	**5.M.4.1.6 Explain the difference between perimeter and area of a polygon.** PLATO® Math Expeditions E Geometry E - Geometry Find the perimeter PLATO® Math Expeditions F Geometry F - Geometry PLATO® Math Expeditions G Geometry G - Geometry
			Goal 4.3: Apply graphing in two dimensions.	**Goal 4.3: Apply graphing in two dimensions.**
			5.M.4.3.1 Use ordered pairs to identify and plot points in the first quadrant on a coordinate grid.	**5.M.4.3.1 Use ordered pairs to identify and plot points in the first quadrant on a coordinate grid.** PLATO® Math Expeditions F Geometry F - Geometry Locate coordinate points PLATO® Math Expeditions G Geometry G - Geometry
	Standard 5: Data Analysis, Probability, and Statistics	**Standard 5: Data Analysis, Probability, and Statistics** Students in Grade 5 read and interpret tables, charts, bar graphs, and line graphs. Students collect, organize, and	**Standard 5: Data Analysis, Probability, and Statistics**	**Standard 5: Data Analysis, Probability, and Statistics**
			Goal 5.1: Understand data analysis.	**Goal 5.1: Understand data analysis.**

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
		display the data with appropriate notation in tables, charts, bar graphs, and line graphs and students make predictions and decisions based on data.	**5.M.5.1.1 Read and interpret tables, charts, bar graphs, and line graphs.**	**5.M.5.1.1 Read and interpret tables, charts, bar graphs, and line graphs.** PLATO® Math Expeditions E Graphs E - Graphs Data from graphs PLATO® Math Expeditions F Graphs F - Graphs Data from graphs PLATO® Math Expeditions G Graphs G - Graphs Data from graphs
			5.M.5.1.2 Use appropriate vocabulary.	**5.M.5.1.2 Use appropriate vocabulary.** Projects for the Real World: Level F School Proposal Projects for the Real World: Level F Food Bank Projects for the Real World: Level F Climbing Mt McKinley Projects for the Real World: Level F Designing a Museum
			Goal 5.2: Collect, organize, and display data.	**Goal 5.2: Collect, organize, and display data.**
			5.M.5.2.1 Collect, organize, and display the data with appropriate notation in tables, charts, bar graphs, and line graphs.	**5.M.5.2.1 Collect, organize, and display the data with appropriate notation in tables,** **charts, bar graphs, and line graphs.** Projects for the Real World: Level E

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Is There a Pattern; . Making Pictographs What People Do; . Reading Pictographs How Hot Is It?; . Step-by-Step Line Graph Projects for the Real World: Level F Clothing; . Easy Answers Food Flow; . Flowcharts How Do I Know?; . Decisions! Decisions! Activities for You; . A Schedule for Fun Projects for the Real World: Level G What Else Can I Do?; . How Much Do You View? Earth Energy; . Making Graphs Get in Shape!; . Design an Exercise Plan
			Goal 5.3: Apply simple statistical measurements.	**Goal 5.3: Apply simple statistical measurements.**
			5.M.5.3.1 Find measures of central tendency - median and mode - with simple sets of data using whole numbers.	**5.M.5.3.1 Find measures of central tendency - median and mode - with simple sets of data using whole numbers.** PLATO® Math Expeditions F Probability F - Probability Range, median, mode & mean PLATO® Math Expeditions G Probability/Stats G - Probability/Stats
			5.M.5.3.2 Find the range of a set of data using whole numbers.	**5.M.5.3.2 Find the range of a set of data using whole numbers.** PLATO® Math Expeditions F Probability F - Probability

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Range, median, mode & mean PLATO® Math Expeditions G Probability/Stats G - Probability/Stats
			Goal 5.4: Understand basic concepts of probability.	**Goal 5.4: Understand basic concepts of probability.**
			5.M.5.4.1 Predict, perform, and record results of simple probability experiments using fraction notation.	**5.M.5.4.1 Predict, perform, and record results of simple probability experiments using fraction notation.** Projects for the Real World: Level F School Proposal
			5.M.5.4.2 Use the language of probability.	**5.M.5.4.2 Use the language of probability.** Projects for the Real World: Level F School Proposal
			Goal 5.5: Make predictions or decisions based on data.	**Goal 5.5: Make predictions or decisions based on data.**
			5.M.5.5.1 Make predictions and decisions based on data.	**5.M.5.5.1 Make predictions and decisions based on data.** Projects for the Real World: Level E, Define the Problem; . What's the Problem Climate Changes; . Desert Climates Projects for the Real World: Level F Disaster Plan; . What Could Happen? The Weather maker; . Wind Speed

Grade Level Grade 5	Standard	Content Knowledge and Skills	Goals	Section/PLATO Courseware
				Projects for the Real World: Level G Olympic Games