

Bob Jones University Press

Course Outline—Fifth-Grade

Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 1: Place Value The Students Will:</p> <ul style="list-style-type: none"> • recognize and read 6- to 12-digit numbers. • write 6- to 12-digit numbers in standard form, in expanded form, and as number words. • identify the value of the digits in 6- to 12-digit numbers. • make the greatest possible number from given digits. • order numbers to 1,000,000,000. • round numbers to the nearest 10; nearest 100; nearest 1,000; nearest 10,000; nearest 100,000. • read and write Roman numerals. • use logic to solve problems. 	<p>45 min. 7 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 1-26</p> <p><u>Student Worktext</u> Pages 1-12</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter One</p>	<p>BAT: Bible Action Truth BP: Bible Promises</p> <p>BAT:</p> <ul style="list-style-type: none"> • 2c Faithfulness

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<p>Unit 2: Addition and Subtraction The Students Will:</p> <ul style="list-style-type: none"> • complete addition facts with sums to 18. • apply the Commutative, Identify and Associative Properties of Addition. • solve addition problems having more than 2 addends. • write addition word problems. • complete subtraction facts with minuends to 18. • apply the Zero Principle of Subtraction. • identify, solve, and write take away, comparing, unknown part, and missing addend word problems. • write addition and subtraction facts for a fact family. • find the missing number in an addition or subtraction fact or problem. • write an equation for a word problem. • estimate the sum of an addition problem. • add 2- to 6-digit numbers. • use compensation to add 2- and 3- digit numbers mentally. • estimate the difference of a subtraction problem. • subtract 2- to 6-digit numbers. • use compensation to subtract 2-digit numbers mentally. • rename numbers with several zeros before subtracting. • use a Chinese abacus. • solve multistep word problems. 	<p>45 min. 12 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 27-69</p> <p><u>Student Worktext</u> Pages 16-41</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Two</p>	<p>BAT:</p> <ul style="list-style-type: none"> • 8c Fight <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 3: Multiplication The Students Will:</p> <ul style="list-style-type: none"> complete multiplication facts. apply the Commutative, Identify, Zero, Associative, and Distributive Properties of Multiplication. solve a multiplication problem having more than 2 factors. write an equation for a word problem. list the factors of a number. determine whether a number is prime or composite. list the multiples of a number. write multiplication word problems. use mental computation to multiply factors which are multiples of 10. estimate the product of a multiplication problem by rounding. multiply 2-, 3- and 4-digit numbers by 2-digit numbers. multiply 3- and 4-digit numbers by 3-digit numbers. determine the number of combinations in a situation. demonstrate an understanding of Cartesian product (cross-product) multiplication. solve multistep word problems. 	<p>45 min. 12 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 72-113</p> <p><u>Student Worktext</u> Pages 42-67</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Three</p>	<p>BATs:</p> <ul style="list-style-type: none"> 1b Repentance and faith 3a Self-concept 7c Praise 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> B - Guiltless by the Blood D - Identified in Christ H - God as Father I - God as Master

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<p>Unit 4: Geometry - Lines and Angles The Students Will:</p> <ul style="list-style-type: none"> • identify and name points, lines, line segments, rays and planes. • distinguish among parallel, intersecting, and perpendicular lines. • identify the vertex and sides of an angle. • name angles. • identify and distinguish among right, acute, and obtuse angles. • use a protractor to measure and draw angles. • calculate the measure of an unknown angle in a triangle. • identify right, acute, and obtuse triangles. • identify the center of a circle. • name a circle. • identify, name, and draw a radius, a diameter, and a chord of a circle. • use a protractor to measure the central angles of a circle. • use a compass to draw a circle. • develop an understanding of the relationship between the diameter and circumference of a circle. • calculate the circumference of a circle. • make and interpret a Venn diagram. • locate a city/county on a map using the longitude and latitude coordinates. 	<p>45 min. 9 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i> <u>Teacher's Edition</u> Pages 115-46</p> <p><u>Student Worktext</u> Pages 68-87</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Four</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2b Servanthood • 2e Work, diligence <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 5: Decimal Fractions, Addition and Subtraction</p> <p>The Students Will:</p> <ul style="list-style-type: none"> • identify the Tenth, Hundredths and One Thousandths places. • demonstrate a decimal fraction with pictures and on a number line. • write a common fraction or mixed number as a decimal fraction. • compare decimal fractions using $>$, $<$, and $=$ signs. • round decimal fractions to the nearest whole number, nearest tenth, and nearest hundredth. • rename 1 one as 10 tenths, 1 tenth as 10 hundredths, and 1 hundredth as 10 one thousandths. • estimate the sum of an addition problem and the difference of a subtraction problem by rounding. • rename 10 one thousandths as 1 hundredth, 10 hundredths as 1 tenth, and 10 tenths as 1 one. • add and subtract decimal fractions. • write an equation for a word problem. • write addition and subtraction word problems using decimal fractions. • develop several plans for solving the problem. • solve the problem and record the results. • determine the best buys at a grocery store. 	<p>45 min. 10 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 148-77</p> <p><u>Student Worktext</u> Pages 88-109</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Five</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2d Goal setting • 2e Work, cooperativeness

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 6: Division, One-Digit Divisors The Students Will:</p> <ul style="list-style-type: none"> • identify the dividend, divisor, and quotient in division problems. • demonstrate a division problem with manipulatives. • solve a missing factor equation. • check a division problem with multiplication. • divide 2- and 3- digit dividends to find 1-, 2-, and 3-digit quotients. • find the average of a group of numbers. • divide 2- and 3-digit dividends to find quotients with zero. • write an equation for a word problem. • estimate a quotient using compatible numbers. • divide to find 3- and 4-digit quotients. • divide money. • use the traditional and short forms of division to find quotients. • read a computer flow chart. • use the computer to input data. • use the IF/THEN statement in a computer program. • use a computer to calculate the average of a set of numbers. • solve multistep word problems. 	<p>45 min. 10 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 179-209</p> <p><u>Student Worktext</u> Pages 110-29</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Six</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2c Faithfulness, endurance • 2d Goal setting, determination • 4b Purity • 4d Victory • 8d Courage <p>BP:</p> <ul style="list-style-type: none"> • A - Liberty from Sin

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 7: Common Fractions The Students Will:</p> <ul style="list-style-type: none"> • use manipulatives and drawings to demonstrate a common fraction. • identify the denominator and numerator of a common fraction. • write a common fraction for part of a whole, part of a set, and a point on a number line. • compare like and unlike fractions using $>$ and $<$ signs. • make equivalent fractions for part of a whole and part of a set. • determine whether a number is prime or composite. • identify the prime numbers to 100. • list the factors of a number. • find the common factors of 2 numbers. • find equivalent fractions by using multiplication or division. • find the greatest common factor and least common multiple of 2 numbers. • complete a factor tree. • rename a fraction in lowest terms. • rename an improper fraction as a mixed number and a mixed number as an improper fraction. • compare mixed numbers and fractions using $>$, $<$, and $=$ signs. • write ordered pairs to identify points on a coordinate graph. • graph points on a coordinate graph. • identify word problems having too little information. • identify the extra information in a word problem • solve word problems. 	<p>45 min. 11 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 210-48</p> <p><u>Student Worktext</u> Pages 132-55</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Seven</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2e Work, industriousness, thoroughness • 4b Purity • 6d Clear conscience

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 8: Measurement - Metric The Students Will:</p> <ul style="list-style-type: none"> • develop an understanding of the metric system. • name the metric prefixes and understand their meanings. • recognize the symbol for each metric unit. • estimate length to the nearest centimeter. • measure to the nearest meter, centimeter, and millimeter. • rename metric linear, capacity, and mass units. • determine the appropriate metric unit of length, capacity, and mass. • measure to nearest liter and milliliter. • measure temperature using a Celsius thermometer. • determine the more sensible temperature. • measure to the nearest gram and kilogram. • recognize 1 gram as 1000 milligrams. • add and subtract metric measurements with and without a decimal form. • use the computer keyboard to input data. • use the FOR/NEXT statement in a computer program. • use the computer to rename miles to kilometers. • read a map. • determine distances using a scale. • use a map to solve word problems. • solve word problems. 	<p>45 min. 9 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 249-78</p> <p><u>Student Worktext</u> Pages 156-75</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Eight</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 4a Sowing and reaping • 6a Bible study • 7b Exaltation of Christ • 8a Faith in God's promises • 8b Faith in the power of the Word of God <p>BP:</p> <ul style="list-style-type: none"> • H - God as Father

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 9: Division, Two-digit Divisors The Students Will:</p> <ul style="list-style-type: none"> • divide by multiples of 10 to find 1-digit quotients. • check a division problem with multiplication. • write a equation for a word problem. • divide 2-, 3-, 4- and 5-digit dividends to find 1-, 2- and 3-digit quotients. • solve a missing factor equation. • use the traditional form of division to find quotients. • divide to find quotients with zero. • divide money. • write a word problem for a division equation. • develop several plans for solving the problem. • solve the problem and record the results. • estimate the number of beans in a jar. 	<p>45 min. 12 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 280-315</p> <p><u>Student Worktext</u> Pages 176-99</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Nine</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2a Authority, obedience • 2e Work, cooperativeness • 7c Praise, thankfulness <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 10: Common Fractions, Addition and Subtraction</p> <p>The Students Will:</p> <ul style="list-style-type: none"> • add like fractions. • rename fractions into lowest terms. • write an addition equation for a word problem. • add mixed numbers. • subtract like fractions. • write a subtraction equation for a word problem. • subtract mixed numbers. • add unlike fractions. • find equivalent fractions. • complete a simple factor tree. • identify the least common multiple. • identify the least common denominator by finding the LCM. • identify a common denominator by multiplying the denominators. • subtract unlike fractions. • use a calculator to identify the correct operation to solve a number sequence. • solve fraction word problems. 	<p>45 min. 14 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 317-56</p> <p><u>Student Worktext</u> Pages 202-31</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Ten</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2c Faithfulness, responsibility • 2e Work • 6b Prayer • 6c Spirit-filled • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 11: Geometry, Plane and Three-Dimensional Figures The Students Will:</p> <ul style="list-style-type: none"> • identify the number of sides and angles of polygons. • recognize and draw polygons. • identify and make congruent, similar, and symmetrical figures. • identify and draw the line of symmetry on a figure. • identify equilateral, isosceles, and scalene triangles. • identify a square, a rectangle, a parallelogram, a trapezoid, and a rhombus as special quadrilaterals. • find the perimeter of a polygon, a regular polygon, and a rectangle. • write an equation for a word problem. • find the area of a region, a rectangle, a square, and a triangle. • recognize a sphere, a cylinder, and a cone. • identify the flat and curved surfaces of a 3-dimensional figure. • identify the faces, edges and verticals of a polyhedron. • distinguish between prisms and pyramids. • recognize rectangular, square, and triangular pyramids; rectangular and triangular prisms; and cube. • find the volume of a 3-dimensional figure and a rectangular prism. • use the computer keyboard to input data. • use the computer to calculate the perimeter of a rectangle. • solve word problems. 	<p>45 min. 12 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 357-92</p> <p><u>Student Worktext</u> Pages 232-57</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Eleven</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2b Servanthood, teamwork • 2e Work <p>BP:</p> <ul style="list-style-type: none"> • H - God as Father • I - God as Master

Fifth Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 12: Decimal Fractions, Multiplication and Division</p> <p>The Students Will:</p> <ul style="list-style-type: none"> estimate the product of a multiplication problem by rounding. multiply a whole number times a decimal fraction. write an equation for a word problem. multiply a decimal fraction by a decimal fraction. write multiplication word problems. divide a decimal fraction by a 1-digit whole number. determine whether the quotient is less than 1. divide a decimal fraction by a 1-digit whole number to find a decimal fraction with zero in the quotient. write division word problems. divide a whole number or a decimal fraction by a 1-digit whole number to find a decimal fraction in the quotient. recognize a quotient that is a repeating decimal. round a decimal fraction to the nearest one thousandth. divide a decimal fraction by a 2-digit whole number. use mental computation to multiply and divide a decimal fraction by a multiple of 10. calculate to find batting averages. solve multistep word problems. 	<p>45 min. 12 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 393-430</p> <p><u>Student Worktext</u> Pages 258-83</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Twelve</p>	<p>BATs:</p> <ul style="list-style-type: none"> 5a Love 6c Spirit-filled 7b Exaltation of Christ 7e Humility 8d Courage <p>BP:</p> <ul style="list-style-type: none"> H - God as Father I - God as Master

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 13: Measurement, Customary The Students Will:</p> <ul style="list-style-type: none"> estimate length to the nearest inch. measure to the nearest inch, half inch, fourth inch, eight inch, sixteenth inch, foot, and yard. write the abbreviation for each customary unit of length, capacity, and weight. read the symbols for foot and inch. rename customary linear units. determine the appropriate customary unit of length, capacity, and weight. measure temperature using a Fahrenheit thermometer. determine the more sensible temperature. measure to the nearest cup, pint, and quart. rename customary capacity units. measure to the nearest ounce and pound. rename customary weight units. add, subtract, and multiply customary measurements. solve word problems. use the computer to input data and to calculate the area of a rectangle. 	<p>45 min. 8 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 432-59</p> <p><u>Student Worktext</u> Pages 284-301</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Thirteen</p>	<p>BATs:</p> <ul style="list-style-type: none"> 2d Goal setting 6c Spirit-filled 7e Humility <p>BP:</p> <ul style="list-style-type: none"> D - Identified in Christ H - God as Father

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 14: Common Fractions, Multiplication and Division The Students Will:</p> <ul style="list-style-type: none"> • demonstrate multiplying a whole number times a fraction using manipulatives, a number line, and repeated addition. • multiply a whole number times a fraction. • write a multiplication equation for a word problem. • use manipulatives to find a fraction of a fraction and a fraction of a whole number. • multiply to find a fraction of a fraction and a fraction of a whole number. • apply the Distributive Property of Multiplication over Addition to multiply a whole number times a mixed number and to find a fraction of a mixed number. • multiply a whole number times a mixed number. • multiply mixed numbers. • use manipulatives to divide a whole number by a fraction and a fraction by a fraction. • divide a whole number by a fraction and a fraction by a fraction using a number line. • write a division equation for a word problem. • develop an understanding of dividing a fraction by a fraction using repeated subtraction. • read a recipe. • use a recipe to solve word problems. • solve fraction word problems. 	<p>45 min. 10 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 461-92</p> <p><u>Student Worktext</u> Pages 302-23</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Fourteen</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 7b Exaltation of Christ • 7e Humility • 8c Fight

Fifth Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 15: Statistics and Graphing The Students Will:</p> <ul style="list-style-type: none"> • survey to collect data. • record data using tallies. • determine the frequency for a set of tallied data. • identify the range, median, and mode for a set of data. • calculate the average (mean) for a set of data. • read a single bar graph. • make a single bar graph. • read a double bar graph. • read a pictograph. • make a pictograph. • read a circle graph. • make a circle graph. • read and interpret a single line graph. • make a single line graph. • read and interpret a double line graph. 	<p>45 min. 7 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 493-515</p> <p><u>Student Worktext</u> Pages 324-39</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Fifteen</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2a Authority • 3a Self-concept • 5b Giving

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<p>Unit 16: Ratio, Proportion, and Percent The Students Will:</p> <ul style="list-style-type: none"> • write a ratio for a set of objects. • write a ratio for a situation. • write a ratio table by finding equivalent ratios. • identify equal ratios by cross-multiplying. • solve a word problem by using a ratio table. • make equal ratios by multiplying and dividing. • solve word problems. • find measurements using a scale drawing. • make a proportion by cross-multiplying. • write a ratio as a percent and a percent as a ratio. • write a percent as a common fraction and a common fraction as a percent. • write a percent as a decimal fraction and a decimal fraction as a percent. • rename a common fraction in lowest terms. • find a percent of a number. • develop several plans for solving the problem. • solve the problem and record the results. • predict the results of a probability experiment. • conduct a probability experiment. • record data on a table. • write probability as a ratio, a fraction, and a percent. 	<p>45 min. 12 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 517-62</p> <p><u>Student Worktext</u> Pages 340-65</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Sixteen</p>	<p>BATs: 2a Authority, obedience 2e Work, cooperativeness 5b Giving 5c Evangelism and missions 6b Prayer</p>

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Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 17: Time and Money, Consumer Applications</p> <p>The Students Will:</p> <ul style="list-style-type: none"> tell time to the minute. differentiate between A.M./P.M. time. recognize that 1 minute consists of 60 seconds, 1 hour consists of 60 minutes, and 1 day consists of 24 hours. rename seconds, minutes, hours, days, weeks, months, and years. add and subtract hours and minutes. determine the amount of time elapsed. demonstrate an understanding of time zones in the United States. read a calendar of a year. recognize that 1 year consists of 365 days per unit, 52 weeks, or 12 months; 1 leap year consists of 366 days per unit; 1 decade consists of 10 years; 1 century consists of 100 years; 1 millennium consists of 1,000 years. write a date using numbers to represent the month, day, and year. demonstrate an understanding of a time line. write a check. maintain records for a checking account and a savings account. determine the total amount of a purchase including sales tax. calculate the amount of sales tax for a purchase. calculate the amount of interest paid to an account. develop several plans for solving the problem. solve the problem and record the results. determine whether to purchase an item by using a credit card, using an installment plan, or taking out a loan from a bank. 	<p>45 min. 9 days per unit</p>	<p>Read and discuss materials in text.</p> <p>Use interactive and hands-on activities outlined in Teacher's Edition.</p> <p>Assign worktext pages to provide practice.</p> <p>Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques</p> <p>Teacher observation of students</p> <p>Class participation</p> <p>Worktext pages</p> <p>Reinforcement and enrichment worksheets</p> <p>Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 563-94</p> <p><u>Student Worktext</u> Pages 366-85</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Seventeen</p>	<p>BATs:</p> <ul style="list-style-type: none"> 2d Goal setting, perseverance 2e Work, cooperativeness 7d Contentment <p>BP:</p> <ul style="list-style-type: none"> I - God as Master

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<p>Unit 18: Pre-Algebra The Students Will:</p> <ul style="list-style-type: none"> • develop an understanding of negative numbers. • compare positive and negative numbers. • order positive and negative numbers. • add positive and negative numbers on a number line and using manipulatives. • write an equation for a word problem. • subtract positive and negative numbers using manipulatives. 	<p>45 min. 7 days per unit</p>	<p>Read and discuss materials in text. Use interactive and hands-on activities outlined in Teacher's Edition. Assign worktext pages to provide practice. Provide reinforcement and enrichment activities and worksheets as indicated by student's mastery of skills.</p> <p>Evaluation Techniques Teacher observation of students Class participation Worktext pages Reinforcement and enrichment worksheets Tests and quizzes</p>	<p><i>Math 5 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 596-617</p> <p><u>Student Worktext</u> Pages 386-401</p> <p><i>Student Materials Packet</i> As specified in the Teacher's Edition</p> <p>Various manipulative materials as specified in Teacher's Edition</p> <p><i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed</p> <p><i>Visual Packet</i> As specified in the Teacher's Edition</p> <p><u>Test Packet</u> Test Chapter Eighteen</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 2d Goal setting • 4c Honesty