

Bob Jones University Press

Course Outline—Third-Grade

Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 1: Addition and Subtraction Facts The Students Will:</p> <ul style="list-style-type: none"> • complete addition and subtraction facts to 18. • apply the Zero Principle of Addition or Subtraction. • apply the Grouping Principle of Addition. • apply the Order Principle of Addition. • complete facts by <i>Counting on</i>. • complete facts by <i>Counting back</i>. • complete facts which are <i>Near doubles</i>. • complete facts using the <i>Adding 9</i> strategy. • identify facts that are <i>Doubles</i>. • identify the appropriate fact strategy to aid in remembering addition and subtraction facts. • write an addition or a subtraction equation for a word problem. • write a word problem for an addition or subtraction equation. • identify facts with the same minuend and subtrahend. • solve addition and subtraction equations with missing numbers. • complete facts by <i>Counting up</i>. • complete addition and subtraction equations for a word problem or a family of facts. • solve an addition problem with 3 or 4 addends. • complete and read a bar graph. • use a bar graph to solve a word problem. • follow a problem-solving guide to solve word problems. • identify information or the question in a word problem. • solve a word problem. • develop a plan to solve a word problem. • check to see whether the answer to a word 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 1-30</p> <p><u>Student Worktext</u> Page 118</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>BATs:</p> <ul style="list-style-type: none"> • 1a Understanding Jesus Christ • 1b Repentance and faith • 2a Authority • 2b Servanthood • 5c Evangelism and missions • 7e Humility • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • D - Identified in Christ • H - God as Father

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 2: Place Value to 1,000 The Students Will:</p> <ul style="list-style-type: none"> • identify the number of 1s, 10s, and 100s in 2- and 3- digit numbers. • write 2- and 3- digit numbers in standard and expanded form and as number words. • demonstrate 2- and 3-digit numbers with manipulatives. • rename 1 ten as 10 ones and 1 hundred as 10 tens. • write different names for the same 2- and 3- digit numbers. • compare 2- or 3-digit numbers using less than and greater than signs. • determine whether a 2- or 3-digit number is less than, greater than, or equal to a given number written in expanded form. • make the greatest possible number from given digits. • identify odd and even numbers. • order numbers 1-100. • determine the number that is 10 more or 10 less than a given 2- or 3-digit number. • determine the number that is 100 more or 100 less than a given 3-digit number. • locate ordinal position of objects first through ninety-ninth. • round numbers to the nearest ten and hundred. • identify the number that comes just before or after a given number or between 2 numbers. • count by 2s, 5s, and 10s. • recognize, read, and write Roman numerals to XXX. • use logic to solve a word problem. • Recognize two- and three-digit numbers. • Write numbers 1-1000 in order. • Determine the number that is one more or one 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 31-61</p> <p><u>Student Worktext</u> Pages 19-36</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>BATs:</p> <ul style="list-style-type: none"> • 1c Separation from the world • 2c Faithfulness • 5a Love • 5c Evangelism and missions • 5e Friendliness • 7e Humility • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: **Math**

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 3: Addition, Two and Three-Digit Numbers</p> <p>The Students Will:</p> <ul style="list-style-type: none"> • estimate the sum of an addition problem. • add 2- and 3-digit numbers with and without renaming. • write an addition equation for a word problem. • rename 10 ones as 1 ten and 10 tens as 1 hundred. • write an addition equation for a word problem and a word problem for an addition equation. • use a calculator to check an addition problem. • solve an addition problem having 3 and 4 addends. • apply the Grouping Principle of Addition. • solve mental math computations. • read and use a map and a mileage table to solve word problems. 	<p>9 days per unit 45 min.</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 3 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 63-90</p> <p><u>Student Worktext</u> Pages 37-52</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"> • 1c Separation from the world • 3d Body as a temple • 6b Prayer <p>BP:</p> <ul style="list-style-type: none"> • H - God as Father • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 4: Measurement - Metric The Students Will:</p> <ul style="list-style-type: none"> • recognize meter, decimeter, centimeter, and kilometer as measuring units for length, height, and distance. • estimate length and height. • measure length, height, and distance to the nearest meter, decimeter and centimeter. • recognize that 1 meter consists of 10 decimeters or 100 centimeters and that 1 kilometer consists of 1000 meters. • determine the appropriate metric measure of length. • recognize liter and milliliter as measuring units for capacity. • recognize that 1 liter consists of 1000 milliliters. • measure capacity using liters and milliliters. • determine the appropriate metric measure of capacity. • recognize kilogram and gram as measuring units for mass. • recognize that 1 kilogram consists of 1000 grams. • rename kilograms as grams. • determine the appropriate metric measure of mass. • recognize degrees as a measuring unit for temperature. • read a Celsius thermometer. • complete, read, and use a line graph to solve word problems. • measure to solve a word problem. • draw an estimated length. • rename meters as centimeters, decimeters, and kilometers. • estimate temperature 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher’s Edition</u> Pages 91-119 <u>Student Worktext</u> Pages 53-70 <i>Student Materials Packet</i> As specified in the Teacher’s Edition Various manipulative materials as specified in Teacher’s Edition <i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed <i>Visual Packet</i> As specified in the Teacher’s Edition <u>Test Packet</u> Test Chapter Four</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 1a Understanding Jesus Christ • 2c Endurance, faithfulness, responsibility • 2e Work, thoroughness, cooperativeness • 5b Giving, unselfishness <p>BP: I - God as Master</p>

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 5: Subtraction, Two and Three-Digit Numbers</p> <p>The Students Will:</p> <ul style="list-style-type: none"> • estimate the difference of a subtraction problem. • subtract 2- and 3-digit numbers with and without renaming. • rename 1 ten as 10 ones, 1 hundred as 10 tens, and 1 hundred as 9 tens and 10 ones. • check a subtraction problem with addition. • write a subtraction equation for a word problem. • write a word problem for a subtraction equation. • recognize a palindrome. • use a calculator to make palindromes. • identify word problems having too little information. • solve words problems. • read a table. • use a table to solve word problems. 	<p>9 days per unit 45 min.</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 3 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 121-48</p> <p><u>Student Worktext</u> Pages 71-86</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"> • 1c Separation from the world • 2e Work, diligence • 3d Body as a temple • 6c Spirit filled • 6e Forgiveness • 7c Praise <p>BP:</p> <ul style="list-style-type: none"> • D - Identified in Christ

Third Grade: **Math**

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 6: Place Value to 1,000,000 The Students Will:</p> <ul style="list-style-type: none"> • recognize 3-, 4-, 5-, and 6-digit numbers. • read 4-, 5-, and 6-digit numbers. • identify the number of ones, tens, hundreds, thousands, ten thousands, and hundred thousands in a given number. • write 3-, 4-, 5-, and 6-digit numbers in standard and expanded form. • write the number words for 3-, 4-, 5-, and 6-digit numbers. • determine whether a number is less than, greater than, or equal to a given number written in standard or expanded form. • order numbers to 1,000. • rename 1 thousand as 10 hundreds. • write different names for the same 4-digit numbers. • count by 1,000s, 10,000s, and 100,000s. • identify word problems having extra information. • solve word problems using the necessary information. • solve 2-step word problems. 	<p>7 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 149-71</p> <p><u>Student Worktext</u> Pages 87-98</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"> • 6a Bible Study • 6b Prayer <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 7: Addition and Subtraction, Four-Digit Numbers</p> <p>The Students Will:</p> <ul style="list-style-type: none"> • rename 10 hundreds as 1 thousand, 1 thousand as 10 hundreds, 1 thousand as 9 hundreds and 120 tens, and 1 thousand as 9 hundreds, 9 tens, and 10 ones. • add 4-digit numbers with and without renaming. • solve addition problems with 3 or 4 addends. • apply the Grouping Principle of Addition. • write an equation for a word problem. • estimate the sum of an addition problem by front-end estimation. • write a word problem for a subtraction equation. • estimate the difference of a subtraction problem by front-end estimation or rounding. • subtract 4-digit numbers with and without renaming. • check a subtraction problem with addition. • use a computer keyboard to input data. • use a computer to solve addition and subtraction equations. • demonstrate an understanding of the PRINT command for computer programming. • solve 2-step word problems. 	<p>9 days per unit 45 min.</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 3 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 172-99</p> <p><u>Student Worktext</u> Pages 99-114</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"> • 4b Purity • 6c Spirit-filled, joyfulness • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 8: Fractions and Decimal Fractions The Students Will:</p> <ul style="list-style-type: none"> • discriminate between equal and nonequal parts. • read a fraction. • discriminate between denominator and numerator of a fraction. • write a fraction for part of a whole or a set of objects. • make equivalent fractions for part of a whole. • identify equivalent fractions of pictures. • write equivalent fractions. • compare like/unlike fractions, mixed numbers, or decimals using the less than, greater than, and equal signs. • read and write mixed numbers and decimals to tenths. • demonstrate an understanding of decimals as fractions. • write a fraction or mixed number as a decimal. • identify the digits in the tens, ones, and tenths places. • demonstrate a decimal with manipulatives. • rename 10 tenths as 1 one and 1 one as 10 tenths. • add and subtract decimals with and without renaming. • write an addition or subtraction equation for a word problem. • locate the x/y coordinates on a coordinate graph. • write ordered pairs to identify points on a coordinate graph. • read a coordinate graph. • read a coordinate graph. • solve fraction word problems. 	<p>12 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher’s Edition</u> Pages 201-36 <u>Student Worktext</u> Pages 115-36 <i>Student Materials Packet</i> As specified in the Teacher’s Edition Various manipulative materials as specified in Teacher’s Edition <i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed <i>Visual Packet</i> As specified in the Teacher’s Edition <u>Test Packet</u> Test Chapter Eight</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 1b Repentance and faith • 1c Salvation, separation from the world • 5a Love, thoughtfulness • 5b Giving, sharing • 6a Bible Study • 6b Prayer • 7c Praise, thankfulness to God <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 9: Multiplication Facts to 5 The Students Will:</p> <ul style="list-style-type: none"> • make equal sets of objects to complete a multiplication fact. • write a repeated addition equation and a multiplication equation for a set of pictures. • illustrate a multiplication equation. • count by 2s, 3s, 4s, and 5s. • identify the factors and the product in a multiplication equation. • complete multiplication facts with 0 to 5 as factors. • use a number line to complete a multiplication fact. • apply and explain the Order Principle of Multiplication. • write a multiplication equation for a word problem. • read a pictograph. • create arrays for multiplication facts. • write a word problem for a multiplication equation. • use the computer to input data and solve multiplication equations. • develop an understanding of a simple program using FOR/NEXT statement. • identify the equations for and solve word problems. • determine the value of a set of nickels by multiplying. 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 237-68</p> <p><u>Student Worktext</u> Pages 137-54</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"> • 1b Repentance and faith • 4b Purity • 8c Fight <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 10: Division Facts to 5 The Students Will:</p> <ul style="list-style-type: none"> • make and identify equal sets of a given number within a group of objects (measuring/grouping). • distribute objects to make equal sets within a group and identify the number of objects in each set (partitive/sharing). • recognize the division sign, dividend, divisor, and quotient in a division equation. • make sets of 2, 3, 4, or 5 within a group of objects. • distribute objects to make 2, 3, 4, or 5 equal sets within a group. • complete a division fact with 1, 2, 3, 4, or 5 as the divisor and with 0 as the dividend. • write a division equation for a set of pictures and for a word problem. • complete multiplication and division facts for a family of facts. • solve a missing factor equation. • demonstrate an understanding of division by 1 and with 0. • use the computer to input data and to solve division equations. • identify the equations for and solve word problems. 	<p>8 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 269-94</p> <p><u>Student Worktext</u> Pages 155-68</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"> • 1c Separation from the world • 2a Authority, obedience • 4b Holiness, purity <p>BP:</p> <ul style="list-style-type: none"> • H - God as Father • I - God as Master

Third Grade: **Math**

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 11: Time and Money The Students Will:</p> <ul style="list-style-type: none"> • tell time to the nearest hour, half-hour, quarter hour, 5-minute, or minute interval. • write time to the nearest 5-minute and minute interval. • demonstrate time to the minute. • differentiate between A.M. and P.M. time. • determine the amount of time that has elapsed. • recognize that 1 minute consists of 60 seconds, 1 hour consists of 60 minutes, and 1 day consists of 24 hours. • recognize that 1 year consists of 365 days per unit, 52 weeks, or 12 months. • name the days per unit of the week and the months of the year in order. • read monthly and yearly calendars. • identify the values for a penny, nickel, dime, quarter, half-dollar, and dollar bill. • count out a given amount of money. • determine the value of a set of coins and dollar bills. • identify the coins needed to purchase an item. • determine the amount of money left after a purchase. • write money amounts using the dollar sign and the decimal point. • add and subtract money written with a dollar sign and a decimal point. • use a calculator to complete a magic square. • read and use a catalog to solve a word problem. 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i></p> <p><u>Teacher's Edition</u> Pages 295-325</p> <p><u>Student Worktext</u> Pages 169-86</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"> • 1b Repentance and faith • 2c Faithfulness, responsibility • 2e Work, diligence • 4c Honesty <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: **Math**

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 12: Multiplication Facts to 9 The Students Will:</p> <ul style="list-style-type: none"> • identify the factors and the product in a multiplication fact. • complete a multiplication fact in vertical form. • apply the Order Principle of Multiplication. • identify the facts with factors 0-5 on the “Multiplication Facts Table.” • identify the new facts on the “Multiplication Facts Table.” • create an array for a multiplication fact. • complete multiplication facts with 0-9 as factors. • use a number line to complete a multiplication fact. • write a multiplication equation for a word problem. • make equal sets of objects to complete a multiplication fact. • use a multiplication matrix to complete a multiplication fact. • write a word problem for a multiplication equation. • demonstrate an understanding of the Multiplication-Addition Principle. • solve a multiplication equation having 3 factors. • complete a table. • read a table. • solve 2-step word problems. • complete a multiplication fact with 7 as a factor. 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher’s Edition</u> Pages 327-60</p> <p><u>Student Worktext</u> Pages 187-204</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>Stretch Your Mind</i> <i>Spread Your Wings</i> <i>Spring Into Action</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"> • 2a Authority, obedience • 4c Honesty • 4d Victory • 6a Bible Study • 6c Spirit-filled

Third Grade: Math

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"> recognize inch, foot, yard, and mile as measuring units for length, height, and distance. estimate and measure the length/height of an object. draw an estimated length. recognize that 1 foot consists of 12 inches, 1 yard consists of 3 feet or 36 inches, and 1 mile consists of 5,280 feet or 1,760 yards. determine the appropriate customary measure of length. recognize cup, pint, quart, and gallon as measuring units for capacity. estimate the capacity of a container. recognize that 1 pint consists of 2 cups, 1 quart consists of 2 pints, and 1 gallon consists of 4 quarts. determine the appropriate customary measure of capacity. recognize ounce and pound as measuring units of weight. estimate and measure the weight of an object. recognize that 1 pound consists of 16 ounces and that 1 ton consists of 2,000 pounds. determine the appropriate customary measure of weight. recognize degree as a measuring unit for temperature. read a Fahrenheit thermometer. estimate temperature. recognize a negative number. read and use a bar graph to solve word problems. 	<p>7 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 361-83 <u>Student Worktext</u> Pages 205-16 <i>Student Materials Packet</i> As specified in the Teacher's Edition Various manipulative materials as specified in Teacher's Edition <i>Spread Your Wings</i> <i>Spring Into Action</i> <i>Stretch Your Mind</i> Reinforcement and enrichment worksheets as needed <i>Visual Packet</i> As specified in the Teacher's Edition <u>Test Packet</u> Test Chapter Thirteen</p>	<p>BATs:</p> <ul style="list-style-type: none"> 1c Separation from the world 7c Praise, thankfulness to God <p>BP:</p> <ul style="list-style-type: none"> H - God as Father I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 14: Division Facts to 9 The Students Will:</p> <ul style="list-style-type: none"> complete division facts with 1-9 as the divisor and with 0 as the dividend. draw and use a number line to complete a division fact. solve a missing factor equation. write a division equation for a word problem. make sets of 7 and 8 within a group of objects. distribute objects to make 7 and 8 equal sets within a group. use repeated subtraction to complete a division fact. recognize the division frame. write a word problem for a division equation. complete multiplication and division facts for a family of facts. use the writing process to write a word problem. demonstrate an understanding of fact families. 	<p>9 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 385-414</p> <p><u>Student Worktext</u> Pages 217-32</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>BAT:</p> <ul style="list-style-type: none"> 1c Separation from the world <p>BP:</p> <ul style="list-style-type: none"> I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 15: Geometry The Students Will:</p> <ul style="list-style-type: none"> • recognize circle, square, rectangle, triangle, pentagon, hexagon, and octagon. • identify the sides in a figure as line segments, the corners as angles, and the square corners as right angles. • identify congruent, similar, and symmetrical figures. • find the perimeter of a figure and the area of a region. • identify a sphere, a cylinder, a cone, a rectangular solid, and a cube. • identify the faces, edges, corners, and the flat and curved surfaces of a solid figure. • demonstrate an understanding of the relationship between solids and flat shapes. • find the volume of a solid. • use the computer to solve multiple operations equations. • demonstrate an understanding of associativity on a computer. • use the geoboard to find the area of a region and to identify $1/2$ units of area. 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 415-48</p> <p><u>Student Worktext</u> Pages 233-50</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"> • 2d Work • 7d Contentment • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: **Math**

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 16: Multiplication, Two-Digit Numbers The Students Will:</p> <ul style="list-style-type: none"> • use mental computation to multiply multiples of 10 and 100 by one-digit numbers. • demonstrate a multiplication problem using manipulatives. • round numbers to the nearest ten and hundred. • estimate the produce of a multiplication problem by using rounded numbers. • rename 10 ones as 1 ten, 10 tens as 1 hundred, and 10 hundreds as 1 thousand. • write a multiplication equation or a word problem. • write money using the dollar sign and decimal point. • demonstrate a multiplication problem using manipulatives. • multiply amounts of money less than one dollar by one-digit numbers. • read a pictograph. • use a pictograph to solve word problems. 	<p>10 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 449-79</p> <p><u>Student Worktext</u> Pages 251-68</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:</p> <ul style="list-style-type: none"> • 1b Repentance and faith • 2b Servanthood, helpfulness • 3a Self-concept • 7c Praise • 8a Faith in God's promises <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 17: Fractions and Decimal Fractions The Students Will:</p> <ul style="list-style-type: none"> • read a fraction and discriminate between the denominator and the numerator of a fraction. • write a fraction for part of a whole and for part of a set of objects. • identify equivalent fractions of pictures. • write equivalent fractions. • compare like and unlike fractions and mixed numbers using the less than, greater than, and equal signs. • order fractions and decimals. • read and write a mixed number. • find the fractional part of a set using division. • read and write a decimal to tenths and hundredths. • identify the digits in the hundreds place, the tens place, the ones place, the tenths place, and the hundredths place. • demonstrate a decimal with manipulatives. • compare decimals using the less than/greater than signs. • rename 10 hundredths as 1 tenth, 10 tenths as 1 one, 1 tenth as 10 hundredths, and 1 one as 10 tenths. • add and subtract decimals with and without renaming. • read a common fraction as a division problem. • use a calculator to rename a common fraction as a decimal fraction. • conduct a probability experiment and record the results on a table using tally marks. • predict the results of a probability experiment. 	<p>11 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 481-513</p> <p><u>Student Worktext</u> Pages 269-88</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"> • 2a Authority obedience • 3a Self-concept • 5b Giving • 8c Fight against the world and Satan

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 18: Division - Two-Digit Numbers The Students Will:</p> <ul style="list-style-type: none"> • distribute objects to make equal sets within a group. • complete division facts with 1-9 as divisors. • write a division equation for a word problem. • divide 2-digit numbers by 1-digit numbers to find 1- and 2-digit quotients with remainders. • demonstrate a division problem using manipulatives. • check a division problem with multiplication. • divide multiples of 10 by 1-digit numbers to find 2-digit quotients with remainders. • write a word problem for a division equation. • divide 3-digit numbers by 1-digit numbers. • solve division word problems. • determine the use of the remainder for a division word problem. 	<p>9 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 515-42</p> <p><u>Student Worktext</u> Pages 289-304</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"> • 1a Understanding Jesus Christ • 5a Love, compassion

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 19: Time and Money The Students Will:</p> <ul style="list-style-type: none"> • tell time to the minute. • write time to the minute. • tell time to the nearest minute before and after the hour. • write time to the nearest minute before and after the hour. • demonstrate time to the minute. • differentiate between A.M. and P.M. time. • determine the amount of time that has elapsed. • recognize that 1 minute consists of 60 seconds, 1 hour consists of 60 minutes, and 1 day consists of 24 hours. • rename minutes as seconds and hours as minutes. • determine the value of a set of coins and one-dollar bills. • write money using the dollar sign and the decimal point. • add and subtract money written with a dollar sign and a decimal point. • identify the value of a five-dollar bill as five one-dollar bills or 500 cents. • identify the value of a ten-dollar bill as ten one-dollar bills, two five-dollar bills, or 1,000 cents. • determine the value of a set of coins and one-, five-, and ten-dollar bills. • round numbers to the nearest hundred. • round amounts of money to the nearest dollar. • estimate the amount of money needed for a purchase. • count the change returned to a customer following a purchase • solve time and money word problems. 	<p>9 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 543-71</p> <p><u>Student Worktext</u> Pages 305-20</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 Nineteen</p>	<p>BATs:</p> <ul style="list-style-type: none"> • 1b Repentance and faith • 4a Sowing and reaping • 5b Giving • 9d Contentment <p>BP:</p> <ul style="list-style-type: none"> • I - God as Master

Third Grade: Math

Unit Content and Objectives	Time	Methods, Activities, and Evaluation	Books and Materials	Biblical Integration
<p>Unit 20: Group Problem Solving The Students Will:</p> <ul style="list-style-type: none"> determine the number of packages of hot dogs, hot dog buns, chips, cookies, apples, and lemonade mix that are needed for the class. determine the number of napkins, plates, and cups that are needed for the class. determine the total cost of the field trip. determine the cost per child. determine the amount of ingredients needed for the whole class to purchase. determine the amount for each group. make a snack. determine what and how many items can be purchased. design a vegetable garden. 	<p>6 days per unit 45 min.</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 3 for Christian Schools</i> <u>Teacher's Edition</u> Pages 573-90</p> <p><u>Student Worktext</u> Pages 321-30</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 Twenty</p>	<p>BATs: 2b Servanthood, teamwork 2e Work cooperativeness 5b Giving, generosity and sharing</p>