



# THE KING'S CHRISTIAN SCHOOL

5 Carnegie Plaza, Cherry Hill, New Jersey 08003 856-489-6729 www.tkcs.org

2011-2012 school year

## For the 2014-2015 school year

Sadler Oxford Series

Grade Level or Course	September	October	November	December	January	February	March	April	May	June
Kindergarten (Progress in Mathematics)	<b>Chapter 1:</b> Sorting: Alike and Same; Different; Sort by Color; Same Shape; Sort by Size; Sort Two Ways <b>Teach Sections 1-9</b>	<b>Chapter 2:</b> Geometry and Patterns: Cylinder, Cone, and Sphere; Cube and Rectangular prism; Plane figures, Solids, Patterns <b>Teach Sections 1-14</b>	<b>Chapter 3:</b> Positions: Before, between, after, left, right <b>Teach Sections 1-9</b>  <b>Chapter 4:</b> Numbers 0-10: Identifying and writing ordinals 0-10, number line <b>Teach Sections 1-17</b>	<b>Chapter 5:</b> Numbers to 31: identifying and writing numbers 11-31; estimate groups <b>Teach Sections 1-13</b>	<b>Chapter 6:</b> Tables, Graphs, and Fractions: tally marks, graphs, equal parts, symmetry, halves, fourths, more likely/equally likely/less likely <b>Teach Section 1-5</b>	<b>Chapter 7:</b> Addition Readiness: joining, adding 1-4 items; vertical addition; use ten-frames to add; Write a number sentence <b>Teach Sections 1-8</b>	<b>Chapter 9:</b> Money: pennies, nickels, dimes, quarters <b>Teach Sections 1-4 and 9-10</b>  <b>Chapter 10:</b> Time sequence, calendar, seasons, tell time on the hour <b>Teach Sections 1-4 and 6</b>	<b>Chapter 11:</b> Measurement : compare by size, length, height, and distance, order by weight, capacity, and temperature <b>Teach Sections 1-10</b>	<b>Chapter 8:</b> Subtraction Readiness: take away; subtract 1-4; vertical subtraction; ten-frames to subtract; choose the operation <b>Teach Sections 1-9</b>	<b>Chapter 12:</b> Numbers to 100: count to 100, explore tens, count by 2s, count by 5s, count by 10s, odd or even, make a table <b>Teach Sections 1-3 and 6</b>
1 <sup>st</sup> (Progress in Mathematics)	<b>Chapter 1:</b> Numbers, number words, and ordinals <b>Teach Sections 1-15</b>	<b>Chapter 2:</b> Addition strategies and Facts to 12 <b>Teach Sections 1-18</b>	<b>Chapter 3:</b> Subtraction strategies and facts to 12 <b>Teach Sections 1-19</b>	<b>Chapter 4:</b> Data and graphs: Using Operations <b>Teach Sections 2-7 and 11-13</b>	<b>Chapter 7:</b> Geometry <b>Teach Sections 1-7 and 15-18</b>  <b>Chapter 9:</b> Measurement <b>Teach Sections 1-4 and 19</b>	<b>Chapter 5:</b> Place Value to 100 <b>Teach Sections 1-16 and 18-22</b>  <b>Chapter 8:</b> Money and Time <b>Teach Sections 1-3, 9-11, and 15-16</b>	<b>Chapter 10:</b> Addition: Two-Digit Numbers <b>Teach Sections 1-5 and 8-13</b>	<b>Chapter 11:</b> Subtraction: Two-Digit Numbers <b>Teach Sections 1-5, 9, 11-12, and 14-15</b>  <b>Chapter 12:</b> Fractions and probability <b>Teach Sections 1-2, 4, 6, and 10</b>	<b>Chapter 6:</b> Extending Addition and Subtraction Facts <b>Teach Sections 1-13</b>	Cumulative review chapter 1-12 and review for the end of year test

2 <sup>nd</sup> (Progress in Mathematics)	<b>Chapter 1:</b> Addition and Subtraction Facts <b>Teach Sections 1-21</b>	<b>Chapter 2:</b> Place Value to 100 <b>Teach Sections 7-12 and 14-15</b>  <b>Chapter 3:</b> Data and Graphs: Using Operations <b>Teach Section 7</b>	<b>Chapter 4:</b> Addition: Two-Digit Numbers <b>Teach Sections 2-13</b>	<b>Chapter 5:</b> Subtraction: Two-Digit Numbers <b>Teach Sections 2-9 and 11-17</b>	<b>Chapter 6:</b> Geometry <b>Teach Sections 3-4, 10-11 and 14-15</b>	<b>Chapter 7:</b> Money and Time <b>Teach Sections 1-9</b>	<b>Chapter 8:</b> Place Value to 1000 <b>Teach Sections 1-11</b>	<b>Chapter 9:</b> Addition and Subtraction: Three-Digit Numbers <b>Teach Sections 1-21</b>	<b>Chapter 10:</b> Fractions and Probability <b>Teach Sections 1-2, 5-6, and 8</b>	<b>Chapter 11:</b> Measurement <b>Teach Sections 1-3, 9, 12, and 18-19</b>
3 <sup>rd</sup> (Progress in Mathematics)	<b>Chapter 1:</b> Place Value <b>Teach Sections 1-9 and 13-14</b>	<b>Chapter 2:</b> Addition <b>Teach Sections 1-16</b>  <b>Chapter 3:</b> Subtraction <b>Teach Sections 2-13</b>	<b>Chapter 3:</b> Subtraction <b>Teach Sections 2-13</b>  <b>Chapter 4:</b> Multiplication Concepts and Facts <b>Teach Sections 1-12</b>	<b>Chapter 4:</b> Multiplication Concepts and Facts <b>Teach Sections 1-12</b>  <b>Chapter 5:</b> Division Concepts and Facts <b>Teach Sections 1-11</b>	<b>Chapter 5:</b> Division Concepts and Facts <b>Teach Sections 1-11</b>  <b>Chapter 6:</b> More Multiplication and Division Facts <b>Teach Sections 1-16</b>	<b>Chapter 7:</b> Statistics and Probability <b>Teach Sections 1-3, 5, 8, and 13-14</b>  <b>Chapter 12:</b> Fractions <b>Teach Sections 1-7</b>	<b>Chapter 12:</b> Fractions <b>Teach Sections 1-7</b>  <b>Chapter 10:</b> Multiply by One Digit <b>Teach Sections 1-2 and 10</b>  <b>Chapter 8:</b> Measurement and Time <b>Teach Sections 1, 9-12, 15-16, and 18-19</b>	<b>Chapter 8:</b> Measurement and Time <b>Teach Sections 1, 9-12, 15-16, and 18-19</b>  <b>Chapter 11</b> Divide by One Digit <b>Teach Sections 1-6</b>	<b>Chapter 9:</b> Geometry <b>Teach Sections 1-5, 7, and 10-14</b>	Review for End of Year Test
4 <sup>th</sup> (Progress in Mathematics)	<b>Chapter 1:</b> Place Value <b>Teach Sections 1-13</b>	<b>Chapter 2:</b> Addition and Subtraction Concepts <b>Teach Sections 1-3 and 6-11</b>  <b>Chapter 3:</b> Addition and Subtraction <b>Teach Sections 11-12</b>	<b>Chapter 4:</b> Multiply by One and Two Digits <b>Teach Sections 1-13 and 15-16</b>	<b>Chapter 5:</b> Divide by One Digit <b>Teach Sections 1-14 and 16-18</b>	<b>Chapter 6:</b> Measurement <b>Teach Sections 11-12</b>  <b>Chapter 7:</b> Statistics and Probability <b>Teach Sections 1-4 and 9-10</b>	<b>Chapter 8:</b> Fraction Concepts <b>Teach Sections 1-12</b>	<b>Chapter 9:</b> Fractions: Addition and Subtraction <b>Teach Sections 1-9</b>  <b>Chapter 13:</b> Decimals <b>Teach Sections 1-6</b>	<b>Chapter 13:</b> Decimals <b>Teach Sections 1-6</b>  <b>Chapter 12:</b> Divide by Two Digits <b>Teach Sections 4-5</b>	<b>Chapter 10:</b> Geometry <b>Teach Sections 1-10 and 12-13</b>	<b>Chapter 11:</b> Perimeter, Area, and Volume <b>Teach Sections 1-3 and 8</b>

5 <sup>th</sup> (Progress in Mathematics)	<b>Chapter 1:</b> Place Value, Addition, and Subtraction <b>Teach Sections 1-12 and 14-15</b>  <b>Chapter 7:</b> Probability and Statistics <b>Teach Sections 6, 7, and 9</b>	<b>Chapter 2:</b> Multiplication <b>Teach Sections 1-4, 6-10, and 11-12</b>	<b>Chapter 3:</b> Division <b>Teach Sections 1-16</b>	<b>Chapter 4:</b> Number Theory and Fractions <b>Teach Sections 1-12</b>	<b>Chapter 5:</b> Fractions: Addition and Subtraction <b>Teach Sections 1-14</b>	<b>Chapter 6</b> Fractions: Multiplication and Division <b>Teach Sections 1-8, 10, 12, 17</b>	<b>Chapter 8:</b> Decimals: Addition and Subtraction <b>Teach Sections 1-10</b>	<b>Chapter 9:</b> Decimals: Multiplication and Division <b>Teach Sections 1-8 and 12</b>  <b>Chapter 11:</b> Measurement Topics <b>Teach Sections 1-4 and 7-9</b>	<b>Chapter 12:</b> Metric Measurement, Area, and Volume <b>Teach Sections 1-14</b>  <b>Chapter 10:</b> Geometry <b>Teach Sections 5-6</b>	<b>Chapter 14:</b> More Concepts In <b>Teach Sections 1-3, 6, and 13-15</b>
6 <sup>th</sup> (Progress in Mathematics)	<b>Chapter 1</b> Number sense, addition, and subtraction <b>Teach Sections 3, 6-13</b>  <b>Chapter 2</b> Multiplication: Whole Numbers and Decimals <b>Teach Sections 1-8</b>	<b>Chapter 3</b> Division: Whole Numbers and Decimals <b>Teach Sections 1-14</b>	<b>Chapter 4</b> Expressions and equations <b>Teach Sections 1-11</b>	<b>Chapter 5</b> Integers <b>Teach Sections 1-8</b>	<b>MIDTERM</b> hopefully covers through chapter 5 and some of chapter 6  <b>Chapter 6</b> Number theory and fractions <b>Teach Sections 2-19</b>	<b>Chapter 7</b> Fractions: Addition and Subtraction <b>Teach Sections 1-11</b>  <b>Chapter 8</b> Fractions: multiplication, division, and probability <b>Teach Sections 1-9, 11-12, and 17-18</b>	<b>Chapter 9</b> Data and Statistics <b>Teach Sections 3-8, 13, and 15-16</b>	<b>Chapter 11</b> Ratio, proportion, and percent <b>Teach Sections 1-9</b>  <b>Chapter 12</b> Percent Applications <b>Teach Sections 1, 3-6, 9, and 13-14</b>	<b>Chapter 13</b> Measurement <b>Teach Sections 1-5, 7-21</b>  <b>Chapter 14</b> More Concepts in <b>Teach Sections 1-8 and 10-11</b>	If time <b>Chapter 10</b> Geometry
7 <sup>th</sup> (Fundamentals of Algebra)	<b>Chapter 1</b> Integers <b>Teach Sections 1-12</b>	<b>Chapter 2</b> Expressions and Equations <b>Teach Sections 1-10</b>	<b>Chapter 3</b> Inequalities <b>Teach Sections 1-7</b>	<b>Chapter 4</b> Rational Numbers and Decimals <b>Teach Sections 1-16</b>	<b>Chapter 5</b> Rational Numbers and Fractions <b>Teach Sections 1-18</b>	<b>Chapter 6</b> Ratio and Proportion <b>Teach Sections 1-11</b>	<b>Chapter 7</b> Percent and consumer applications <b>Teach Sections 1-15</b>  <b>Chapter 8</b> Data Analysis and Statistics <b>Teach Sections 1, 8, 14</b>	<b>Chapter 14</b> Polynomials, Equations, and Inequalities <b>Teach Sections 3-11</b>  <b>Chapter 13</b> Patterns, Relations, and Functions <b>Teach Sections 2, 7-8 and 13</b>	<b>Chapter 9</b> Two-Dimensional Geometry <b>Teach Sections 3-4, 7, 9-10, and 14</b>  <b>Chapter 10</b> Two Dimensional Geometry and measurement applications <b>Teach Sections 2, 5-9, and 13</b>	<b>Chapter 11</b> Three dimensional Geometry <b>Teach Sections 1-7 and 10-12</b>  <b>Chapter 12</b> Probability <b>Teach Sections 1-4, 6 and 9</b>

7 <sup>th</sup> Grade Honors (Foundations of Algebra)	<p><b><u>Chapter 1</u></b> Rational Numbers <b>Teach</b> Sections 1-14</p> <p><b><u>Chapter 2</u></b> Real numbers <b>Teach</b> Sections 1-9</p>	<p><b><u>Chapter 3</u></b> Expressions and Equations <b>Teach</b> Sections 1-13</p> <p><b><u>Chapter 4</u></b> Inequalities <b>Teach</b> Sections 1-10</p>	<p><b><u>Chapter 4</u></b> Inequalities <b>Teach</b> Sections 1-10</p> <p><b><u>Chapter 7</u></b> Ratio and Proportion <b>Teach</b> Sections 1-9</p>	<p><b><u>Chapter 8</u></b> Percent applications <b>Teach</b> Sections 1-7</p>	<p><b><u>Chapter 5</u></b> Polynomials and Factoring <b>Teach</b> Sections 1-11</p> <p><b><u>Midterm Exam</u></b></p>	<p><b><u>Chapter 6</u></b> Linear functions and Inequalities <b>Teach</b> Sections 1-11</p>	<p><b><u>Chapter 11</u></b> Patterns and Non-linear functions <b>Teach</b> Sections 4-7</p> <p><b><u>Chapter 9</u></b> Two-Dimensional Geometry <b>Teach</b> Sections 1-2 and 4</p>	<p><b><u>Chapter 10</u></b> Geometric Measures and Coordinate Geometry <b>Teach</b> Sections 7-12</p> <p><b><u>Chapter 12</u></b> Three Dimensional Geometry <b>Teach</b> Sections 5-7</p>	<p><b><u>Chapter 13</u></b> Data Analysis and Statistics <b>Teach</b> Sections 1-8</p>	<p><b><u>Chapter 14</u></b> Probability and Logic <b>Teach</b> Sections 1-6 and 8-9</p>
8 <sup>th</sup> Grade (Foundations of Algebra)	<p><b><u>Chapter 1</u></b> Rational Numbers Review <b>Teach</b> Sections 1-14</p>	<p><b><u>Chapter 2</u></b> Real numbers <b>Teach</b> Sections 1-9</p> <p><b><u>Chapter 3</u></b> Expressions and Equations <b>Teach</b> Sections 1-13</p>	<p><b><u>Chapter 4</u></b> Inequalities <b>Teach</b> Sections 1-10</p>	<p><b><u>Chapter 7</u></b> Ratio and Proportion <b>Teach</b> Sections 1-9</p>	<p><b><u>Chapter 8</u></b> Percent applications <b>Teach</b> Sections 1-7</p> <p><b><u>Midterm Exam</u></b></p>	<p><b><u>Chapter 5</u></b> Polynomials and Factoring <b>Teach</b> Sections 1-11</p>	<p><b><u>Chapter 6</u></b> Linear functions and Inequalities <b>Teach</b> Sections 1-11</p>	<p><b><u>Chapter 11</u></b> Patterns and Non-linear functions <b>Teach</b> Sections 4-7</p> <p><b><u>Chapter 9</u></b> Two-Dimensional Geometry <b>Teach</b> Sections 1-2 and 4</p>	<p><b><u>Chapter 10</u></b> Geometric Measures and Coordinate Geometry <b>Teach</b> Sections 1-12</p>	<p><b><u>Chapter 13</u></b> Data Analysis and Statistics <b>Teach</b> Sections 1-8</p>
Honors Algebra 1 (Algebra 1)	<p><b><u>Chapter 1</u></b> Basic concepts of Algebra <b>Teach</b> Sections 1-14</p>	<p><b><u>Chapter 2</u></b> Linear Equations <b>Teach</b> Sections 1-8</p> <p><b><u>Chapter 3</u></b> Linear Inequalities <b>Teach</b> Sections 1-6</p>	<p><b><u>Chapter 4</u></b> Relations and Functions <b>Teach</b> Sections 1-5</p> <p><b><u>Chapter 5</u></b> Linear Functions <b>Teach</b> Sections 1-9</p>	<p><b><u>Chapter 5-Continued</u></b> Linear Functions <b>Teach</b> Sections 1-9</p> <p><b><u>Chapter 6</u></b> Systems of Linear Equations and Inequalities <b>Teach</b> Sections 1-8</p>	<p><b><u>Chapter 11</u></b> Ratio, Proportion, and Trigonometry <b>Teach</b> Sections 1-4</p> <p><b><u>Midterm Exam</u></b></p>	<p><b><u>Chapter 7</u></b> Operations with Polynomials <b>Teach</b> Sections 1-8</p> <p><b><u>Chapter 8</u></b> Factoring and Polynomials <b>Teach</b> Sections 1-8</p>	<p><b><u>Chapter 12</u></b> Rational Expressions and Equations <b>Teach</b> Sections 1-9</p> <p><b><u>Chapter 9</u></b> <b>Radical</b> expressions and Equations <b>Teach</b> Sections 1-6</p>	<p><b><u>Chapter 10</u></b> Quadratic functions and equations <b>Teach</b> Sections 1-8</p>	<p><b><u>Chapter 13</u></b> Exponential and Other nonlinear Functions <b>Teach</b> Sections 1-8</p>	<p><b><u>Chapter 14</u></b> Data Analysis and Probability <b>Teach</b> Sections 1-14</p>

Algebra 1 (Algebra 1)	<b>Chapter 1</b> Basic concepts of Algebra <b>Teach Sections 1-14</b>	<b>Chapter 2</b> Linear Equations <b>Teach Sections 1-8</b>  <b>Chapter 3</b> Linear Inequalities <b>Teach Sections 1-6</b>	<b>Chapter 3</b> Linear Inequalities <b>Teach Sections 1-6</b>  <b>Chapter 4</b> Relations and Functions <b>Teach Sections 1-5</b>	<b>Chapter 5</b> Linear Functions <b>Teach Sections 1-9</b>	<b>Chapter 6</b> Systems of Linear Equations and Inequalities <b>Teach Sections 1-8</b>  <b>Midterm Exam</b>	<b>Chapter 7</b> Operations with Polynomials <b>Teach Sections 1-8</b>	<b>Chapter 8</b> Factoring and Polynomials <b>Teach Sections 1-8</b>  <b>Chapter 12</b> Rational Expressions and Equations <b>Teach Sections 1-9</b>	<b>Chapter 9</b> Radical expressions and Equations <b>Teach Sections 1-6</b>  <b>Chapter 10</b> Quadratic functions and equations <b>Teach Sections 1-8</b>	<b>Chapter 10</b> Quadratic functions and equations <b>Teach Sections 1-8</b>  <b>Chapter 13</b> Exponential and Other nonlinear Functions <b>Teach Sections 1-8</b>	<b>Chapter 14</b> Data Analysis and Probability <b>Teach Sections 1-14</b>
Geometry  Geometry McDougal Littell Copyright 2001	<b>Chapter 1</b> Basics of Geometry Points, lines, planes Coordinate geometry, distance, midpoint  <b>Chapter 9.2</b> Pythagorean theorem NOTE: do the Pythagorean theorem from chapter 9.2 here, it will help with the distance formula	<b>Chapter 2</b> Reasoning and proof Laws of logic, algebra properties	<b>Chapter 3</b> Perpendicular and parallel lines  Solving systems of equations (algebra review)	<b>Chapter 4</b> Congruent Triangles, classifying triangles	<b>Chapter 5</b> Properties and lines of triangles	<b>Chapter 6</b> Quadrilaterals  <b>Chapter 7</b> Transformations (check with algebra teach on this also in their curriculum)	<b>Chapter 8</b> Similarity	<b>Chapter 9</b> Sections 9.3 through 9.6, skip vectors  <b>Chapter 10</b> Circles	<b>Chapter 11</b> Angles and area of polygons and circles, sectors	<b>Chapter 12</b> Surface area and Volume  <b>You must get to chapter 12, skip some of 11 or combine with chapter 12.</b>

<p>Honors Algebra 2</p> <p>Algebra &amp; Trigonometry Cynthia Young</p>	<p><b>Chapter 0:</b> Real Numbers and Integers <b>Teach Sections 1-2</b></p> <p><b>Chapter 0:</b> Polynomials and Factoring <b>Teach Sections 3-4</b></p>	<p><b>Chapter 0:</b> Rational Expressions <b>Teach Section 5</b></p> <p><b>Chapter 0:</b> Rational Exponents and Radicals and Complex Numbers <b>Teach Section 6-7</b></p> <p><b>Chapter 1:</b> Linear Equations <b>Teach Sections 1-5 and 7</b></p>	<p><b>Chapter 1:</b> Linear Equations <b>Teach Sections 1-5 and 7</b></p> <p><b>Chapter 2:</b> Graphing Equations <b>Teach Sections 1-2 and 3</b></p> <p><b>Chapter 2:</b> Graphing Equations <b>Teach Sections 1-2 and 3</b></p> <p><b>Chapter 9:</b> Systems of Equations <b>Teach Sections 1-4</b></p> <p><b>Water Park Project</b></p>	<p><b>Chapter 10:</b> Matrices <b>Teach Sections 1-4</b></p> <p><b>Midterm Exam</b></p>	<p><b>Chapter 3:</b> Functions <b>Teach Section 1-6</b></p> <p><b>Chapter 4:</b> Quadratic Functions <b>Teach Sections 1-5</b></p>	<p><b>Chapter 4:</b> Quadratic Functions <b>Teach Sections 1-5</b></p> <p><b>Chapter 5:</b> Exponential and Logarithmic Functions <b>Teach Sections 1-4</b></p>	<p><b>Chapter 12:</b> Sequence and Series <b>Teach Sections 1-3 and 6-7</b></p> <p><b>Barbie Project</b></p> <p><b>Advertising Project</b></p> <p><b>Chapter 11:</b> Conic Sections <b>Teach Sections 1-4 and chapter 2.4</b></p>	<p><b>Chapter 11:</b> Conic Sections <b>Teach Sections 1-4 and chapter 2.4</b></p> <p><b>Chapter 6:</b> Trigonometric Functions <b>Teach Sections 1-7</b></p>	<p><b>Chapter 6:</b> Trigonometric Functions <b>Teach Sections 1-7</b></p>	
<p>College Prep Algebra 2</p> <p>Algebra 2 with Trigonometry Prentice Hall</p>	<p><b>Chapter 1:</b> Review of Real Numbers, Algebra, and Problem Solving <b>Teach Sections 1-10</b></p> <p><b>Chapter 2:</b> Equations and Inequalities <b>Teach Sections 1-7</b></p>	<p><b>Chapter 2:</b> Equations and Inequalities <b>Teach Sections 1-7</b></p> <p><b>Chapter 3:</b> Relations, Functions, and Graphs <b>Teach Sections 1-7</b></p>	<p><b>Chapter 4:</b> Systems of Equations and Problem Solving <b>Teach Sections 1-4, 6-7</b></p> <p><b>Chapter 13</b> Matrices and Determinants <b>Teach Sections 1-5</b></p>	<p><b>Chapter 5:</b> Polynomials and Polynomial Equations <b>Teach Sections 1-5 and 7-8</b></p> <p><b>Chapter 6:</b> Rational Expressions <b>Teach Section 1-3 and 6</b></p>	<p><b>Chapter 15:</b> Counting and Probability <b>Teach Sections 1-3, 5-6</b></p> <p><b>Chapter 16:</b> Statistics <b>Teach Sections 1-2</b></p> <p><b>Midterm Exam</b></p>	<p><b>Chapter 7:</b> Powers, Roots, and Complex Numbers <b>Teach Sections 1-9</b></p> <p><b>Chapter 8:</b> Quadratic Equation <b>Teach Sections 1, 3-4, and 7</b></p>	<p><b>Chapter 9:</b> Graphing Quadratic Functions <b>Teach Section 1-6</b></p> <p><b>Chapter 6:</b> Rational Expressions <b>Teach Sections 4-5</b></p>	<p><b>Chapter 11:</b> Polynomial Functions <b>Teach Sections 1-6</b></p> <p><b>Chapter 12:</b> Exponential and Logarithmic Functions <b>Teach Sections 1-5 and 7-8</b></p>	<p><b>Chapter 10:</b> Conic Sections <b>Teach Sections 1-6</b></p>	<p><b>Chapter 14:</b> Sequence and Series <b>Teach Sections 1-4</b></p>
<p>PreCalc</p> <p>Precalculus with Limits Brooks/Cole Cengage Learning 2<sup>nd</sup> Edition</p>	<p><b>Chapter 1</b> Functions and their Graphs</p> <p>Analyzing graphs and transformations of graphs</p>	<p><b>Chapter 1 continued</b> Combinations, Compositions, and Inverses</p>	<p><b>Chapter 2</b> Polynomial and Rational functions</p> <p>Concentrate on sections 2.2,2.5,2.6</p>	<p><b>Chapter 3</b> Exponential and Logarithmic functions All sections</p>	<p><b>Chapter 4</b> Trigonometry</p> <p>Radian/Degree measure and unit circle</p>	<p><b>Chapter 4 continued</b></p> <p>Graphs of all trig functions and inverse trig functions Applications</p>	<p><b>Chapter 5</b> Analytic Trigonometry</p> <p>Fundamental Identities, verifying trig identities</p>	<p><b>Chapter 5 continued</b> Solving trig identities, Special formulas</p>	<p><b>Chapter 6</b> Law of sines, Law of Cosines</p> <p>(possibly vector and dot products)</p>	<p><b>Optional Topics Chapter 10</b></p> <p>Sections 10.7-10.9 Polar coordinates</p>

AP Calc  Calculus Pearson/Pren tice Hall 4 <sup>th</sup> Edition	<b><u>Chapter 2</u></b> Limits and Continuity All sections	<b><u>Chapter 3</u></b> Derivatives  All sections  (extra problems on motion)	<b><u>Chapter 4</u></b> More Derivatives  All sections	<b><u>Chapter 5</u></b> Applications of Derivatives Skip 5.5 (Newton's method not needed for AP test)	<b><u>Chapter 5 continued</u></b> Related Rates  <b><u>Chapter 6</u></b> The Definite Integral (not on Midterm)  Reimann Sums	<b><u>Chapter 6 continued</u></b>  Definite Integrals Fundamental Theorem of Calculus  <b><u>Chapter 7</u></b> Differential Equations  Slope Fields	<b><u>Chapter 7 continued</u></b>  Antidifferenti ation by substitution and parts (skip 7.5)  <b><u>Chapter 8</u></b> Applications of Definite Integrals  Areas and Integral as Net change	<b><u>Chapter8 continued</u></b> Volumes (skip 8.4-8.5)  REVIEW! Do as many mock exams as possible  Use the senior speech week time to do a full length practice test (coordinate with English dept on this)	AP TEST	Project
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