

Math II content calendar (2014-15)

	August	September	October
Topics	<ul style="list-style-type: none"> <li>Class room norms and regulations</li> <li>Introduction to the number system</li> <li>Sorting functions by their types</li> </ul>	<ul style="list-style-type: none"> <li>Solving equations</li> <li>Working with fractions</li> <li>Introduction to functions and sorting functions according to types and their graphs.</li> </ul>	<ul style="list-style-type: none"> <li>Linear equations and forms</li> <li>Graphs and the coordinate system</li> <li>Parallel and perpendicular lines</li> <li>Radical Functions</li> </ul>
Resources	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>California online textbook</li> <li>worksheets</li> </ul>	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>
Assessments	<ul style="list-style-type: none"> <li>Homework , Quizzes APO &amp; exams</li> </ul>	<ul style="list-style-type: none"> <li>homework &amp; exams</li> <li>Project: "The art of lines"</li> </ul>	<ul style="list-style-type: none"> <li>Homework , Quizzes APO &amp; exams</li> </ul>

	November	December	January
Topics	<ul style="list-style-type: none"> <li>Systems of linear equations</li> <li>Systems of linear inequalities</li> <li>Application of systems</li> <li>World problems</li> </ul>	<ul style="list-style-type: none"> <li>Exponential functions</li> <li>Graphing exponential growth and decay</li> <li>applying exponential to real world problems</li> <li>Logarithmic Functions</li> </ul>	<ul style="list-style-type: none"> <li>Number pattern: sequences and series</li> <li>Arithmetic/ Geometric</li> <li>Introduction to polynomials</li> <li>Applying mathematical operations to polynomials</li> <li>Factoring polynomials</li> <li></li> </ul>
Resources	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>
Assessments	<ul style="list-style-type: none"> <li>Homework , Quizzes APO &amp; exams</li> </ul>	<ul style="list-style-type: none"> <li>homework &amp; exams</li> <li>Project: "Get me the Best cell phone plan".</li> </ul>	<ul style="list-style-type: none"> <li>Homework , Quizzes APO &amp; exams</li> </ul>

	February	March	April
Topics	<ul style="list-style-type: none"> <li>Quadratic functions and factoring</li> <li>Graphing quadratic functions.</li> <li>Roots and factors</li> <li>Synthetics and long division techniques</li> </ul>	<ul style="list-style-type: none"> <li>Geometry               <ul style="list-style-type: none"> <li>shapes</li> <li>Area and volume</li> </ul> </li> <li>Geometric shapes and their properties</li> <li>Transformation</li> <li>Pythagorean theorem</li> <li>3D dimensional shapes</li> </ul>	<ul style="list-style-type: none"> <li>Data analysis</li> <li>Measure of central tendencies</li> <li>IQR</li> <li>Introduction to probability</li> <li>application of probability</li> <li>Trigonometric functions</li> </ul>
Resources	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>cms online textbook</li> <li>worksheets</li> </ul>
Assessments	<ul style="list-style-type: none"> <li>homework &amp; exams</li> <li>Project: "FSI Landscape design and Model"</li> </ul>	<ul style="list-style-type: none"> <li>Homework , Quizzes APO &amp; exams</li> </ul>	<ul style="list-style-type: none"> <li>Homework , Quizzes APO &amp; exams</li> </ul>

	May	June
Topics	<ul style="list-style-type: none"> <li>Course review               <ul style="list-style-type: none"> <li>Chapter by chapter content review</li> </ul> </li> <li>Most asked EOCs and EOGs questions               <ul style="list-style-type: none"> <li>Tools</li> <li>Exercise and practice</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Review for EOG's               <ul style="list-style-type: none"> <li>Sample test exams</li> </ul> </li> <li>Strategies               <ul style="list-style-type: none"> <li>Techniques:                   <ul style="list-style-type: none"> <li>How to take standardized exams</li> <li>How to use the answering sheet to accurately show your answer selection</li> </ul> </li> </ul> </li> </ul>
Resources	<ul style="list-style-type: none"> <li>teshalemath.com</li> <li>Review worksheet</li> </ul>	<ul style="list-style-type: none"> <li>Previous year (2013 EOG)</li> <li>Sample answer sheet</li> </ul>
Assessments	<ul style="list-style-type: none"> <li>Practice review</li> </ul>	<ul style="list-style-type: none"> <li>Project: EOG sample test</li> </ul>