



# ABSS HS Math I Scope and Sequence

Unit #	Title of Unit	~ # of Days	Common Core Standards	Key Concepts	Pearson CC Math I	Pearson CC Math II
1	Reasoning with Equations and Inequalities	9	<p>A.REI.1 A.REI.3 N.Q.1 N.Q.2 A.CED.1 A.CED.3 A.CED.4</p>	<ul style="list-style-type: none"> <li>Solve linear equations and inequalities</li> <li>Create linear equations and inequalities</li> <li>Use units to solve multi-step problems</li> </ul>	Chapter Sections: 1-2 thru 1-8 5-5	
2	Linear Relationships (Equations and Inequalities)	10	<p>A.SSE.1 A.SSE.1A A.SSE.1B A.CED.1 A.CED.2 A.CED.3 F.IF.4 F.IF.5 F.IF.6 F.IF.7 F.IF.7A F.IF.8 F.LE.1B F.LE.2 F.LE.5 A.REI.10 A.REI.12 G.GPE.5 S.ID.7 S.ID.6 S.ID.6A S.ID.6b S.ID.6c S.ID.8 S.ID.9</p>	<ul style="list-style-type: none"> <li>Interpret Expressions and their parts</li> <li>Interpret Linear Models</li> <li>Create equations in two or more variables</li> <li>Represent and Graph equations and inequalities</li> <li>Interpret functions</li> <li>Analyze functions</li> </ul>	Chapter Sections: 1-1 2-1 thru 2-5 2-7 3-1 thru 3-6	
3	Systems of Linear Equations and Linear Inequalities	9	<p>A.CED.3 A.REI.5 A.REI.6 A.REI.11 A.REI.12</p>	<ul style="list-style-type: none"> <li>Represent and Solve Systems of Equations and Inequalities</li> </ul>	Chapter Sections: 4-1 thru 4-6	

4	Exponential Relationships	9	<p>A.SSE.1  A.SSE.1b  A.SSE.3.c  A.CED.1  A.CED.2  F.IF.4  F.IF.5  F.IF.6  F.IF.7  F.IF.7e  F.IF.8  F.IF.8b  F.LE.1c  F.LE.2  F.LE.5  A.REI.11  N.RN.1  N.RN.2</p>	<ul style="list-style-type: none"> <li>• Use the properties of exponents</li> <li>• Exponential Functions</li> <li>• Exponential Growth and Decay</li> </ul>	Chapter Sections: 5-1 thru 5-6	Chapter Sections: 14-1
5	Polynomials & Radicals	15	<p>A.SSE.1  A.SSE.1a  A.SSE.2  A.SSE.3  A.SSE.3a  A.APR.1</p>	<ul style="list-style-type: none"> <li>• Simplifying Radicals</li> </ul>	Chapter Sections: 5-8	Chapter Sections: 11-1 thru 11-8
6	Quadratic Relationships	8	<p>A.SSE.1  A.SSE.1a  A.CED.2  F.IF.4  A.SSE.3  A.SSE.3A  F.IF.7  F.IF.7a  F.IF.8  F.IF.8a</p>			Chapter Sections: 12-1 thru 12 - 5
7	Functions and Models	7	<p>F.IF.1  F.IF.2  F.IF.3  F.IF.4  F.IF.5  F.IF.7  F.IF.9  F.BF.1a  F.BF.1b  F.BF.2  F.BF.3  F.LE.1  F.LE.1a  F.LE.3  S.ID.6a</p>	<ul style="list-style-type: none"> <li>• Relations and Functions</li> <li>• Combining Functions</li> <li>• Analyzing data</li> <li>• Trend Lines</li> </ul>	Chapter Sections: 2-6, 5-7 and 6-4	Chapter Sections: 12 - 9
8	Descriptive Statistics	5	<p>S.ID.1  S.ID.2  S.ID.3</p>	<ul style="list-style-type: none"> <li>• Frequency and Histograms</li> </ul>	Chapter Sections: 6-1 thru 6-5	

			S.ID.5	<ul style="list-style-type: none"> <li>Measures of Central Tendency</li> <li>Two-Way Frequency Tables</li> </ul>		
9	Connecting Algebra and Geometry	7	N.Q.3 G.CO.1 <b>G.GPE.4</b> G.GPE.6 G.GPE.7 G.GMD.1 <b>G.GMD.3</b>	<ul style="list-style-type: none"> <li>Points, Lines and Planes</li> <li>Measuring Segments, Angles</li> <li>Angle Pairs</li> <li>Midpoint and Distance in the Coordinate Plane</li> </ul>	Chapter Sections: 7-2 thru 7-6	Chapter Sections: 9-1, 9-3 thru 9-5

Total Days: 79 (Core) + 7 (Assessments/Review) + 4 (EOC's) = 90

Teachers will have online access to the Pearson Math I & Math II textbooks. Resources from the previous (2012-2014) unit plans are still available on the secondary curriculum website. The scope and sequence should be a beginning point for teachers when building assessments, creating daily lesson plans and meeting with PLC's. Additional resources will be needed to supplement the curriculum in regards to rigor and re-teaching of some standards. The On-Core resource is available at each school and has alignment to the common core math standards. **Prioritized standards are highlighted in yellow.**