



Portland Public Schools  
Middle Level  
Syllabus Template

School Year 2011-2012

Teacher: Trish Bennett		School: Mt. Tabor Middle School	
Subject: Math	Course Title: 7th Grade Math	Grade Level(s): 7 <sup>th</sup>	
Is high school credit an option for this course? No			
Prerequisites: None			
<p>Course description: This is the second year of a two year pre-algebra curriculum. It covers the district required 7<sup>th</sup> grade math curriculum and is aligned with the Oregon State benchmarks. It covers the following strands:</p> <ul style="list-style-type: none"><li>○ Algebraic thinking</li><li>○ Probability and statistics</li><li>○ Geometry</li><li>○ Measurement</li><li>○ Calculations &amp; Number sense</li></ul> <p>There is an emphasis on problem solving and solving problems in multiple ways. Students will be asked to justify their thinking, generalize relationships, make connections between ideas and reverse thinking to solve problems</p>			
Priority Standards:			
<p>Schedule of topics/units covered:</p> <ul style="list-style-type: none"><li>○ <i>Comparing and Scaling- Numbers and Calculations</i></li><li>○ <i>Shapes and Designs- Geometry</i></li><li>○ <i>Variables and Patterns- Algebraic Thinking</i></li><li>○ <i>Stretching and Shrinking- Numbers and Calculations</i></li><li>○ <i>Filling and Wrapping- Measurement</i></li><li>○ <i>What Do You Expect- Probability</i></li><li>○ <i>Data Distributions- Statistics</i></li><li>○ <i>Samples and Populations- Statistics</i></li><li>○ <i>Looking for Pythagoras- Geometry</i></li><li>○ <i>* Accentuate the Negative- Numbers and Calculations</i></li></ul> <p><i>*6<sup>th</sup> graders in 7<sup>th</sup> grade math with cover this additional topic to prepare them for Algebra</i></p>			

Academic Vocabulary: Refer to Connected Math Glossary																											
District adopted materials																											
Connected Math Project																											
Supplemental resources: District resources on number sense, fractions, algebra and scientific notation																											
Differentiation/ accessibility strategies and support (TAG, ELL, SpEd, other): <ul style="list-style-type: none"> <li>○ Groupwork</li> <li>○ Tutoring</li> <li>○ Accessibility strategies #1,2,3,5,6,7,8,9,10,12,13,14,15</li> <li>○ Pre-Assessments at beginning of each unit/ extensions for those scoring 80% or higher</li> </ul>																											
Final proficiencies: Students will demonstrate proficiency in the five mathematical strands according to Oregon state benchmarks.																											
Essential skills to be taught or assessed: <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"><input type="checkbox"/></td> <td style="width: 10%;"><input type="checkbox"/></td> <td>Read and comprehend</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Write clearly and accurately</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Listen actively and speak clearly</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Apply mathematics</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Think critically</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Personal management and teamwork</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>Use technology</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Civic and Community Engagement</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Global Literacy</td> </tr> </table>	<input type="checkbox"/>	<input type="checkbox"/>	Read and comprehend	<input type="checkbox"/>	<input type="checkbox"/>	Write clearly and accurately	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Listen actively and speak clearly	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Apply mathematics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Think critically	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Personal management and teamwork	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Use technology	<input type="checkbox"/>	<input type="checkbox"/>	Civic and Community Engagement	<input type="checkbox"/>	<input type="checkbox"/>	Global Literacy
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Assessment/evaluation/grading policy: Students must demonstrate proficiency on learning objectives through completion of homework, assignments, projects and scores on quizzes and tests.																											

Behavioral expectations: Students will be expected to work independently and collaboratively in study groups. Homework is required in this class.
Safety issues and requirements: None.
Signature of instructor completing this form: Trish Bennett
Administrator Approval:  <i>By approving this syllabus the administrator verifies that</i> <ol style="list-style-type: none"><li><i>a. the course code written on this form is accurate and that this code has been correctly placed into eSIS by the school's data clerk.</i></li><li><i>b. the teacher listed on the syllabus meets the endorsement requirements as set forth by ODE and NCLB.</i></li><li><i>c. the course meets the requirements of the District required core curriculum including standards.</i></li><li><i>d. the teacher is using District adopted materials or has been approved to use other resources.</i></li></ol>