

# Scope & Sequence: St. Francis Xavier

## 7th Grade 7.2 Math

**Main Resource:** Reveal Math Course 2

August/September	October	November	December	January
<p><b>Beginning of the Year! (5 Weeks)</b></p> <ul style="list-style-type: none"> <li>Introduction to Class, Expectations and Procedures.</li> </ul> <p><b>Module 1 - Proportional Relationships</b></p> <ul style="list-style-type: none"> <li>1.1 Unit Rates Involving Ratios of Fractions 7.RP.A.1</li> <li>1.2 Understand Proportional Relationships 7.RP.A.2</li> <li>1.3 Tables of Proportional Relationships 7.RP.A.2, 7.RP.A.2.A, 7.RP.A.2.B</li> <li>Review 1.1-1.3 &amp; Quiz</li> <li>1.4 Graphs of Proportional Relationships 7.RP.A.2, 7.RP.A.2.A, 7.RP.A.2.B, 7.RP.A.2.D</li> </ul>	<p><b>Wk. 1 - Module 2 (2 Weeks) Solve Percent Problems</b></p> <ul style="list-style-type: none"> <li>2.1 - Percent of Change 7.RP.A.3</li> <li>2.2 - Tax 7.RP.A.3, 7.EE.A.2</li> <li>2.3 - Tips and Markups 7.RP.A.3, 7.EE.A.2</li> <li>Review 2.1 - 2.3 &amp; Quiz</li> <li>2.4 - Discounts 7.RP.A.3, 7.EE.A.2</li> <li>Review 2.1-2.4</li> <li>2.5 - Interest 7.RP.A.3</li> <li>2.6 - Commission &amp; Fees 7.RP.A.3, 7.EE.A.2</li> <li>2.7 - Percent Error 7.RP.A.3</li> <li>Module 2 Review</li> <li>Module 2 Assessment</li> <li>Module 3 - Pretest &amp; Launch</li> </ul> <p><b>Module 3 (2 weeks) Operations with Integers and Rational Numbers</b></p> <ul style="list-style-type: none"> <li>3.1 - Add Integers</li> </ul>	<p><b>Module 3 cont. (1 weeks) Operations with Integers and Rational Numbers</b></p> <ul style="list-style-type: none"> <li>3.4 - Divide Integers 7.NS.A.2, 7.NS.A.2.B, 7.NS.A.2.C</li> <li>3.5 - Apply Integer Operations 7.NS.A.1.D, 7.NS.A.2, 7.NS.A.2.C, 7.NS.A.3, 7.EE.B.3</li> <li>Review Module 3</li> <li>Module 3 Assessment</li> <li>Module 4 Pretest</li> </ul> <p><b>Module 4 (2 Weeks) Operations with Rational Numbers</b></p> <ul style="list-style-type: none"> <li>4.1 - Rational Numbers 7.NS.A.2, 7.NS.A.2.B, 7.NS.A.2.D</li> <li>4.2 - Add Rational Numbers 7.NS.A.1, 7.NS.A.1.A, 7.NS.A.1.B,</li> </ul>	<p><b>Module 5 (2 Weeks) Simplify Algebraic Expressions</b></p> <ul style="list-style-type: none"> <li>5.1 - Simplify Algebraic Expressions 7.EE.A.1, 7.EE.A.2</li> <li>5.2 - Add Linear Expressions 7.EE.A.1</li> <li>5.3 - Subtract Linear Expressions 7.EE.A.1</li> <li>Review 5.1-5.3 and Quiz</li> <li>5.4 - Factor Linear Expressions 7.EE.A.1</li> <li>5.5 - Combine Operations with Linear Expressions 7.EE.A.1</li> <li>Module 5 Review</li> <li>Module 5 Assessment</li> </ul> <p><b>Module 6 (1 Week) Write and Solve Equations</b></p> <ul style="list-style-type: none"> <li>Module Pretest &amp; Launch</li> <li>6.1 - Write and Solve One-Step Equations</li> </ul>	<p><b>Module 6 cont. (3 Weeks)</b></p> <ul style="list-style-type: none"> <li>6.2 - Solve Two-Step Equations <math>px + q = r</math> 7.EE.B.4, 7.EE.B.4.A</li> <li>6.3 - Write and Solve Two Step Equations <math>px+q=r</math> 7.EE.B.4, 7.EE.B.4.A</li> <li>6.1 - 6.3 Review &amp; Quiz</li> <li>6.4 - Solve Two-Step Equations: <math>p(x+q)=r</math> 7.EE.B.4, 7.EE.B.4.A</li> <li>6.5 - Write and Solve Two-Step Equations: <math>p(x+q)=r</math> 7.EE.B.4, 7.EE.B.4.A</li> <li>Module 6 Review</li> <li>Module 6 Assessment</li> <li>Module 7 Pretest</li> </ul>

<ul style="list-style-type: none"> <li>● 1.5 Equations of Proportional Relationships 7.RP.A.2, 7.RP.A.2.B, 7.RP.A.2.C</li> <li>● 1.6 - Solve Problems involving Proportional Relationships. 7.RP.A.2, 7.RP.A.3</li> <li>● Review Module</li> <li>● Module 1 Assessment.</li> <li>● Pretest Module 2</li> </ul>	<p>7.NS.A.1, 7.NS.A.1.A, 7.NS.A.1.B, 7.NS.A.1.D, 7.EE.B.3</p> <ul style="list-style-type: none"> <li>● 3.2 - Subtract Integers 7.NS.A.1, 7.NS.A.1.C, 7.NS.A.1.D</li> <li>● 3.3 - Multiply Integers 7.NS.A.2, 7.NS.A.2.A, 7.NS.A.2.C, 7.EE.B.3</li> <li>● Review 3.1-3.3 &amp; Quiz</li> </ul>	<p>7.NS.A.1.D, 7.EE.B.3</p> <ul style="list-style-type: none"> <li>● 4.3 - Subtract Rational Numbers 7.NS.A.1, 7.NS.A.1.C, 7.NS.A.1.D, 7.EE.B.3</li> <li>● Review 4.1-4.3 &amp; Quiz</li> <li>● 4.4 - Multiply Rational Numbers 7.NS.A.2, 7.NS.A.2.A, 7.NS.A.2.C, 7.NS.A.3</li> <li>● 4.5 - Divide Rational Numbers 7.NS.A.2, 7.NS.A.2.B, 7.NS.A.2.C, 7.NS.A.3</li> <li>● 4.6 - Apply Rational Number Operations 7.NS.A.1, 7.NS.A.1.D, 7.NS.A.2, 7.NS.A.2.C, 7.NS.A.3</li> <li>● Module Review</li> <li>● Module 4 Assessment</li> <li>● Module 5 Pretest</li> </ul>	<p>7.NS.A.3, 7.EE.B.4, 7.EE.B.4.A</p>	
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## 7th Grade 7.2 Math

**Main Resource:** Reveal Math Course 2

February	March	April	May/June	
<p><b>Module 7 (4 Weeks)</b> <b>Write and Solve Inequalities</b></p> <ul style="list-style-type: none"> <li>• 7.1 - Solve One-Step Addition and Subtraction Inequalities 7.EE.B.4, 7.EE.B.4.B</li> <li>• 7.2 - Write and Solve One-Step Addition and Subtraction Inequalities 7.EE.B.4, 7.EE.B.4.B</li> <li>• Review 7.1 &amp; 7.2 and Quiz</li> <li>• 7.3 - Solve One-Step Multiplication and Division Inequalities with Coefficients 7.EE.B.4, 7.EE.B.4.B</li> <li>• 7.4 - Solve One-Step Multiplication and Division Inequalities with Positive Coefficients</li> </ul>	<p><b>Module 8 (2 Week)</b> <b>Geometric Figures</b></p> <ul style="list-style-type: none"> <li>• 8.1 Vertical and Adjacent Angles 7.G.B.5</li> <li>• 8.2 - Complementary and Supplementary Angles 7.G.B.5</li> <li>• 8.3 - Triangles 7.G.A.2</li> <li>• 8.4 - Scale Drawings 7.G.A.1</li> <li>• 8.5 - Three-Dimensional Figures 7.G.A.3</li> <li>• Module 8 Review</li> <li>• Module 8 Assessment</li> </ul> <p><b>Module 9 (2 Weeks)</b> <b>Measure Figures</b></p> <ul style="list-style-type: none"> <li>• 9.1 Circumference of Circles 7.G.B.4</li> <li>• 9.2 Area of Circles 7.G.B.4</li> <li>• Review 9.1-9.2 and Quiz</li> <li>• 9.3 Area of Composite Figures 7.G.B.6</li> </ul>	<p><b>Module 10 (3 Weeks)</b> <b>Probability</b></p> <ul style="list-style-type: none"> <li>• 10.1 Find Likelihoods 7.SP.C.5</li> <li>• 10.2 Relative Frequency of Simple Events 7.SP.C.6, 7.SP.C.7, 7.SP.C.7.B</li> <li>• 10.3 - Theoretical Probability of Simple Events 7.SP.C.7, 7.SP.C.7.A</li> <li>• 10.4 - Compare Probabilities of Simple Events 7.SP.C.6, 7.SP.C.7, 7.SP.C.7.A, 7.SP.C.7.B</li> <li>• 10.5 - Probability of Compound Events 7.SP.C.8, 7.SP.C.8.A, 7.SP.C.8.B</li> <li>• 10.6 Simulate Chance Events 7.SP.C.8, 7.SP.C.8.C</li> <li>• Review Module 10</li> <li>• Module 10 Assessment</li> </ul>	<p><b>Module 11 (4 Weeks)</b> <b>Sampling and Statistics</b></p> <ul style="list-style-type: none"> <li>• 11.1 Biased and Unbiased Samples 7.SP.A.1, 7.SP.A.2</li> <li>• 11.2 - Make Predictions 7.SP.A.2</li> <li>• 11.3 - Generate Multiple Samples 7.SP.A.2</li> <li>• 11.4 - Compare Two PopulationS 7.SP.B.4</li> <li>• 11.5 Assess Visual Overlap 7.SP.B.3</li> <li>• Review Module 11</li> <li>• Module 11 Assessment</li> </ul>	

<ul style="list-style-type: none"> <li>7.EE.B.4, 7.EE.B.4.B</li> <li>• 7.4 - Solve One-Step Multiplication and Division Inequalities with Negative Coefficients 7.EE.B.4, 7.EE.B.4.B</li> <li>• Review 7.3 - 7.4 and Quiz</li> <li>• 7.5 - Write and Solve one-Step Multiplication and Division Inequalities 7.EE.B.4, 7.EE.B.4.B</li> <li>• 7.6 - Write and Solve Two-Step Inequalities 7.EE.B.4, 7.EE.B.4.B</li> <li>• Module 7 Review</li> <li>• Module 7 Test</li> </ul>	<ul style="list-style-type: none"> <li>• 9.4 - Volume 7.G.B.6</li> <li>• 9.5 - Surface Area 7.G.B.6</li> <li>• 9.6 - Volume and Surface Area of Composite Figures 7.G.B.6</li> <li>• Review Module 9</li> <li>• Module 9 Assessment</li> </ul>			
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