

## MAPPING TECHNOLOGY TO THE CURRICULUM

Name Sample School Sample School Curriculum MathThematics Grade       

WHAT			WHERE	WHEN	DONE
Topic	Focus	Activity		~ Week / Date(s)	
Number Sense/ Numerical fluency	1A. Fractions, Decimals, Percent: Equivalent Forms	<i>Explore Learning:</i> Percents, Fractions, Decimals Gizmo	<b>Book 2: Mod 5, Sec. 4 (pg. 359)</b> <i>Finding equivalent values between percents, fractions, and decimals</i>		
	2A. Fractions, Decimals, Percent: In problem solving	<i>eNLVM Lesson:</i> Fractions, Decimals, Percents	<b>Book 2: Mod 5, Sec. 4 (Application Exercises)</b> <i>Applying concepts of fractions, decimals, and percents in a problem-solving context</i>		
	3A. Fractions, Decimals, Percent: Conversions	<i>Jim Reed:</i> Decimal Conversions	<b>Book 2: Mod 4, Sec. 2, Exploration 3</b> <i>Repeating decimals, and patterns with <math>x/9</math>, <math>x/99</math>, etc.</i>		
	4A. Scientific Notation	<i>eNLVM:</i> Scientific Notation	<b>Book 2: Mod 3, Sec. 4 (page 196)</b>		
	5A. Exponents	<i>Jim Reed:</i> Reviewing Powers & Exponents	<b>Book 2: Mod 1, Sec 2</b> <b>Book 2: Mod 3, Sec. 4 (page 193)</b> <i>Pan Balance</i>		
Developing Computational Fluency	6A. Order of Operations	<i>NCTM: Number Pan Balance</i> Exploring Order of Operations	<b>Book 2: Mod 1, Sec.6 (pg. 60)</b>		
	7A. Integers	<i>eNLVM: Color Chips</i> Integer Operation Lessons	<b>Book 2: Mod 2, Sec. 3 (page 101) - Add and Subtract</b> <b>Book 2: Mod 4, Sec. 4 – Mult. And Divide</b>		
Self Select					
Self Select					
Self Select					

## MAPPING TECHNOLOGY TO THE CURRICULUM

Name \_\_\_\_\_ School \_\_\_\_\_ Curriculum \_\_\_\_\_ MathThematics \_\_\_\_\_ Grade \_\_\_\_\_

WHAT			WHERE	WHEN	DONE
Topic	Focus	Activity		~ Week / Date(s)	
Patterns	1G. Represent, analyze, & generalize	<i>Wis Web: Spotting Numbers Problems</i>	Book 2: Mod 1, Sec. 2 (pg 14)	Sept.	
Functions	2G. Represent, analyze, & generalize	<i>Wis Web: Algebra Arrows</i>	Book 2: Mod 2, Sec. 4, Explorations 1-2 (page 117) Mod 7, Sec. 1 (page 459)		
Graphs	3G. Graphing in the coordinate plane	<i>Prj Interactivate: General Coordinates Game</i> Coordinate Graphing Skills Reinforcement	Book 2: Mod 2, Sec. 2 (Page 92) <i>4 quadrant point identification</i>		
	4G. Distance - Time	<i>RTT Qualitative Grapher:</i> Graph Stories Lesson	Book 2: Mod 2, Sec.4 (Page 119)		
Tables, Graphs, and Equations	5G. In a practical context	<i>PBS Interactives: Real Life Data</i> Examples 1,2,3	Book 2: Mod 2, Sec. 4 (Page 121) Book 2: Mod 7, Sec. 1, Explorations 2-3 (Page 459) <i>Problem Solving with Linear Functions</i>		
	6G. Relate & compare	<i>Prj Interactivate: Graphit</i> Yogurt Shop Lesson	Book 2: Mod 7, Sec 4 (Page 503) Book 2: Mod 5, Sec. 1 (page 312)		
	7G. Identify as linear/non-linear	<i>Prj Interactivate: Graphit</i>	Book 2: Mod 7, Sec. 1 (Possible Extension) Book 2: Mod 2, Sec. 2 (Possible Extension)		
Equations	8G. Solving equations using a balance strategy	<i>Wis Web: Solving Equations</i>	Book 2: Mod 2, Sec 5 (Page 130)		
Self Select					
Self Select					

## MAPPING TECHNOLOGY TO THE CURRICULUM

Name Sample School Sample School Curriculum Glencoe/Course 2 (1999) Grade 7

WHAT			WHERE	WHEN	DONE
Topic	Focus	Activity		~ Week / Date(s)	
Number Sense/ Numerical fluency	1A. Fractions, Decimals, Percent: Equivalent Forms	<i>Explore Learning:</i> Percents, Fractions, Decimals Gizmo	<b>Chapter 4:</b> Using Number Patterns, Fractions, Percents <b>Section 4-7</b> Fractions, Decimals, Percents <b>Pg.</b> 161-163	Week Sept 19-23	
	2A. Fractions, Decimals, Percent: In problem solving	<i>eNLVM Lesson:</i> Fractions, Decimals, Percents	<b>Chapter 4:</b> Using Number Patterns, Fractions, Percents <b>Section 4-7</b> Fractions, Decimals, Percents <b>Pg.</b> 161-163 * Chapter 7: Applying Fractions Chapter 8: Using Proportional Reasoning Chapter 11: Applying Percents	Week Sept 12-16	
	3A. Fractions, Decimals, Percent: Conversions	<i>Jim Reed:</i> Decimal Conversions	<b>Chapter 2:</b> Applying Decimals <b>Section 2-7</b> Decimals & Fractions <b>Pg.</b> 70-73	Week Sept 12-16 Introduce right after Frctions, Decimals, Percents	
	4A. Scientific Notation	<i>eNLVM:</i> Scientific Notation	<b>Chapter 2:</b> Applying Decimals <b>Section 2-9</b> Scientific Notation <b>Pg.</b> 77-79 * Section 2-5 Powers of 10 pg 61		
	5A. Exponents	<i>Jim Reed:</i> Reviewing Powers & Exponents	<b>Chapter 1:</b> Problem Solving, Algebra, and Geometry <b>Section 1-4</b> Powers & Exponents <b>Pg.</b> 17-20	Week Sept 6-9 (? 9/8)	
Developing Computational Fluency	6A. Order of Operations	<i>NCTM: Number Pan Balance</i> Exploring Order of Operations	<b>Chapter 1:</b> Problem Solving, Algebra, and Geometry <b>Section 1-2</b> Order of Operations <b>Pg.</b> 8-10	Week Sept 6-9 (? 9/7)	
	7A. Integers	<i>eNLVM: Color Chips</i> Integer Operation Lessons	<b>Chapter 5:</b> Using Integers <b>Section 5-4</b> Adding Integers <b>Pg.</b> 197-201 <b>Section 5-5</b> Subtracting Integers <b>Pg</b> 202-205		
Self Select	8A. Factors (GCF)	<i>NLVM</i> Factor Tree * now enter own	<b>Chapter 4:</b> Using Number Patterns, Fractions, Percents <b>Section 4-4</b> Greatest Common Factor <b>Pg.</b> 150-153		
Self Select	9A. Square Roots	<i>ExploreLearning</i> Ordering & Approximating Square Roots	<b>Chapter 10:</b> Geometry: Exploring Area <b>Section 10-2</b> Estimating Square Roots <b>Pg.</b> 415-418		
Self Select	10A. Multiplying Decimals	<i>ExploreLearning</i> Mult Decimals	<b>Chapter 2:</b> Applying Decimals <b>Section 2-4</b> Multiplying Decimals <b>Pg.</b> 56-59		