

Curriculum Map

Course Title: Math

Grade: 4th

Unit (Name/Number): Problem Solving	Pacing: Type here
Essential Question(s): What strategies enable us to solve problems?	

Content/Key Concepts	Standards	Key Vocabulary	Learning Activities/Resources	Evidence of Learning (Assessments; Performance Tasks)
Look for a Pattern	<u>Common Core</u> 4.OA.3 <u>PACS</u> CC.2.2.4A.1	● Enter here	Strong problem solving and reasoning abilities are essential in developing conceptual understanding? *RCC for problem solving. Supplement with enVision lessons, see below: Look for a Pattern: RCC, Lesson 8	Enter here
Draw a Picture and Write an Equation	<u>Common Core</u> 4.OA.2, 4.OA.3, 4.NBT.4, 4.NBT.6, 4.NF.3a, 4.NF.3d <u>PACS</u> CC.2.2.4.A.1, CC.2.1.4.B.2, CC.2.1.4.C.2		Draw a Picture and Write an Equation: RCC, first page in each lesson gives a picture and an equation	
Act It Out and Use Reasoning	<u>Common Core</u> 4.OA.5, 4.OA.3 <u>PACS</u> CC.2.2.4.A.4, CC.2.2.4A.1		Act It Out and Use Reasoning: enVision, Topic 2, Lesson 6	
Make an Organized List	<u>Common Core</u> 4.NBT.1 <u>PACS</u> CC.2.1.4.B.1		Make an Organized List: enVision, Topic 3, Lesson 3	
Reasonableness	<u>Common Core</u> 4.OA.3, 4.NBT.3, 4.NBT.5 <u>PACS</u> CC.2.2.4A.1, CC.2.1.4.B.1, CC.2.1.4.B.2		Reasonableness: enVision, Topic 5, Lesson 6 Missing or Extra Information: enVision, Topic 6, Lesson 6 Multiple-Step Problems: RCC, Topics 9 and 10 (multiplication and division)	

Missing or Extra Information	<u>Common Core</u> 4.NBT.5, 4.OA.3 <u>PACS</u> CC.2.1.4.B.2, CC.2.2.4A.1		enVision, Topic 7, Lesson 5 Topic 10, Lesson 8 Two-Question Problems: enVision, Topic 8, Lesson 5 Writing to Explain: Every lesson in RCC enVision, Topic 11, Lesson 8 Work Backward enVision, Topic 14, Lesson 11 Solve a Simpler Problem and Make a Table: enVision, Topic 15, Lesson 5 Make and Test Generalizations enVision, Topic 16, Lesson 11	
Multiple-Step Problems	<u>Common Core</u> 4.NBT.5, 4.OA.3 <u>PACS</u> CC.2.1.4.B.2, CC.2.2.4A.1			
Two-Question Problems	<u>Common Core</u> 4.NBT.5, 4.OA.3 <u>PACS</u> CC.2.1.4.B.2, CC.2.2.4A.1			
Writing to Explain	<u>Common Core</u> 4.NF.1, 4.NF.2 <u>PACS</u> CC.2.1.4.C.1			
Work Backward	<u>Common Core</u> 4.MD.1, 4.MD.2 <u>PACS</u> CC.2.4.4.A.1			
Solve a Simpler Problem and Make a Table	<u>Common Core</u> 4.MD.2 <u>PACS</u> CC.2.4.4.A.1			
Make and Test Generalizations	<u>Common Core</u> 4.G.2, 4.OA.5 <u>PACS</u> CC.2.3.4.A.2, CC.2.2.4.A.4			