

1.2.a Increase use of problem solving strategies, enabling students to better persevere and to successfully complete rigorous mathematical tasks.

1.3.a Expand students' ability to explain their mathematical thinking and communicate reasoning.

CEDAR WOOD PROBLEM SOLVING

	K	1	2	3	4	5
Strand	K.OA.1	1.OA.1	2.OA.1	3.OA.1/2	4.OA.3	5.NBT.6
Problem	Draw 4 ears. How many rabbits?	Rosie and Alexa saw 8 horses on the farm. 3 horses were black. The rest were brown. How many horses were brown?	Kendra drew 27 pictures. She threw 13 pictures away. How many pictures did she keep? Then Kendra drew 8 more pictures. How many pictures does she have now? First number sentence: Second number sentence:	Your friend found a 9-page album for the 36 stamps. Each page still needs an equal number of stamps. In an equation, n can stand for the number of stamps on each page. Find the value of n in the equation $36/n=9$. How many stamps will be on each page of the 9-page album.	Suppose you can make apple pies with your apples. It takes 6 apples for a green apple pie. It takes 9 apples for a deep dish apple pie made with red or yellow apples. How many pies can you make? What kind of pies will they be?	An adult lion can eat a lot of meat in one sitting. If a pride of lions eats a water buffalo that has 1,182 pounds of meat, and each adult lion eats 66 pounds of meat, how many adult lions will the water buffalo feed? Will there be enough leftover to feed 4 cubs if each cub needs 13 pounds of meat?
Practices	1. Make Sense & Persevere 4. Model 6. Precision	1. Make Sense & Persevere 4. Model 6. Precision	1. Make Sense & Persevere 4. Model 6. Precision	1. Make Sense & Persevere 2. Reason abstractly 4. Model 6. Precision	1. Make Sense & Persevere 2. Reason abstractly 4. Model 6. Precision	1. Make Sense & Persevere 2. Reason abstractly 4. Model 6. Precision
Strategies	Unpack question, Draw a picture, Label, Check your work, Explain your thinking	Unpack question, Multiple strategies, Missing addend, Number sentence, Label, Check your work, Explain your thinking	Unpack question, Apply a strategy, Two steps, Vocab., Number sentence, Label, Check your work, Explain your thinking	Unpack question, Choose and apply a strategy, Vocab., Expression, Label, Check your work, Communicate your reasoning	Unpack question, Interpret a table, Multi-step, Choose and apply a strategy, Vocab., Expression, Label, Check your work, Communicate your reasoning	Unpack question, Interpret a table, Multi-step, Choose and apply a strategy, Vocab., Expression, Label, Check your work, Communicate your reasoning
Notes	Need to supplement for rigor in all grades, Problems created based on SBA feedback from intermediate teachers Mathematical Practice 3 (Construct and Critique)- verbal K-2, write to explain 3-5 Deeper level of questioning in all grades - intentional accountable talk strategies in math, daily					

4:00 am - Stripe Rite, Inc. paints the lines.
Coordinated by CW parent, Mrs. Craig



Thanksgiving Weekend - Boy Scouts
paint the numbers. Coordinated by CW
parent and Scout leader, Jason Solie



Cub Scouts Pack 95



Ta-da!



Guided math group working
on -1 , $+1$, -10 , $+10$



Hopping on the I20 chart, counting
by 10 from any number



WHERE MATH HITS THE PAVEMENT!

Partnering with our community, CW families, and CW students. Using the campus to enhance learning that directly aligns with common core standards in math. Engaging primary students in whole body learning.