

Numeracy Gr 3 Nov 16

Activity 2: Adding to 1000 with Regrouping

Materials Needed:

- Use the frame below inside a large zip lock bag—you can then use dry erase pens on them and erase after each question. This saves making multiple copies (and also makes for multiple practice questions). You will also need 3 dice, or use the link mentioned below.

Task Instructions:

We are going to learn adding first using this partial sums method. You might want to use 10 frames or base 10 blocks as a helper as well, if you see your child is having difficulty visualizing what is going on here. You can use the ten frame template from a previous lesson or use this [link](#).

In the partial sums method for three digit numbers, you add the 100's first, then the 10's, then the ones, then you sum up all 3. The reason for this is that it helps the child keep track, and it also prevents place-value level mistakes, so even a mistaken answer will be much closer to the actual sum!

EXAMPLE:

	3	5	6	
	2	8	5	
+				
	5	0	0	
	1	3	0	
		1	1	
	641			

To generate multiple questions, use three dice to determine each number. For Grade 3's, you might wish to start with just using 1 or 2 in the 100's column, and then use dice to generate the tens and ones columns. Once your child is comfortable adding two numbers below 200, then use the dice to get all three digits. If your child is really comfortable, use a 10 sided dice to generate higher numbers, or find an on-line 10 sided dice [here](#). If your child is very comfortable with adding two digit numbers, see if they can extend the method to thousands.

Parent Tip: Here's a link to [a video](#) about adding with partial sums.

This template comes from Carole Fullerton at <https://mindfull.wordpress.com/>

Adding with Partial Sums

		<input type="text"/>	<input type="text"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>
		<hr/>		
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>	<input type="text"/>
			<input type="text"/>	<input type="text"/>
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