

Numeracy Gr 2 Nov 16

Activity 2: Adding to 100 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).

Task Instructions:

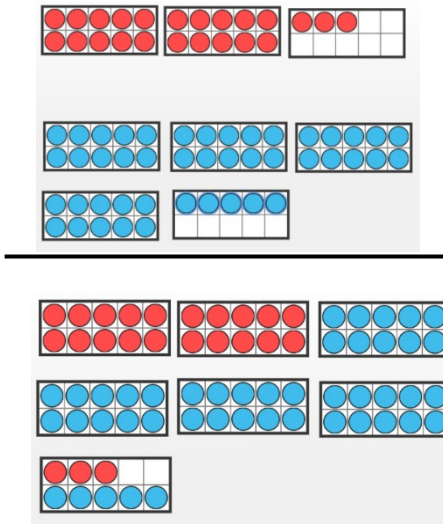
We are going to learn adding first using this partial sums method. You might want to use 10 frames as a helper as well, if you see your child is having difficulty visualizing what is going on here. In the example below, I am showing the work with 10 frames as well. You can use the ten frame template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

In the partial sums method, you add the 10's first. 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! We are trying to promote sense-making, not just memorizing a method for doing addition...don't worry, your child will learn the faster method later.

Example 1:

Adding with Partial Sums

	+	2	3	
		4	5	
		6	0	
			8	
		6	8	



Adding with Partial Sums

$$\begin{array}{r} \\ + \begin{array}{|c|c|} \hline 5 & 8 \\ \hline 3 & 6 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline & 8 & 0 \\ \hline & 1 & 4 \\ \hline \end{array} \\ \hline 94 \end{array}$$

To generate multiple questions, use a pair of dice to determine each number. For Grade 2's, you might wish to start with just using 1 or 2 in the 10's column, and then use dice to generate the ones column. Once your child is comfortable adding two numbers below 20, then use the dice to generate both 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](#).

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

