
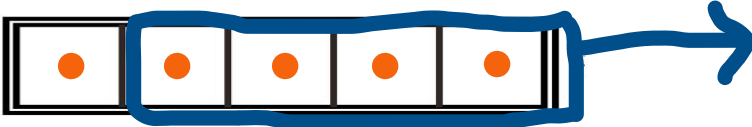


# Numeracy – Decomposing Numbers

<b>Curriculum:</b> Numeracy/Mathematics	<b>Learning Goals:</b> -Numbers represent quantities that can be decomposed into smaller parts. -Develop one to one correspondence between oral counting and concrete objects (e.g. by saying each number as you touch each object)
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<b>Materials</b>
- 6-sided dice (No dice? No problem! Visit <a href="https://rolladie.net/">https://rolladie.net/</a> ) - 5 frame strip - 5 counters (5 of the same object e.g, 5 beads, or 5 Cheerios, or 5 lego)

<b>Activities</b>
-Take a look at this dice. What number is shown?  •• This shows the number 4. -Fill up your 5 frame with 5 counters (beads, cheerios, lego, etc). Can you take away 4 from your 5 frame? How many counters do you have left? You will notice you have 1 counter left. This shows that the number 5 can be decomposed into smaller parts (the numbers 4 and 1). In this activity, you are demonstrating how to decompose a number into smaller parts. Decomposing means you are taking a number apart.

-Fill your 5 frame up with 5 counters. Roll your own 6-sided dice (If using <a href="https://rolladie.net/">https://rolladie.net/</a> set the dice to 1 dice 6 sided). Count how many dots you rolled. Take that many counters off of your 5 frame.
<b>Extension:</b> Put two 5 frames together to make a 10 frame! You may want to use a 10-sided dice for this – on <a href="https://rolladie.net/">https://rolladie.net/</a> set the dice to 1 dice 10 sided. Can you do this activity with the 10 frame? How can the number 10 be decomposed into smaller parts?
