

Chapter 6 : Exploring The Hilltop

Curricular Goal :

CG-1 Understands numbers and sets of numbers (whole numbers, fractions, integers, rational numbers, and real numbers), looks for patterns, and appreciates relationships between numbers.

Competencies :

C-1.3 Learns about the inclusion of zero and negative quantities as numbers, and the arithmetic operations on them, as given by Brahmagupta.

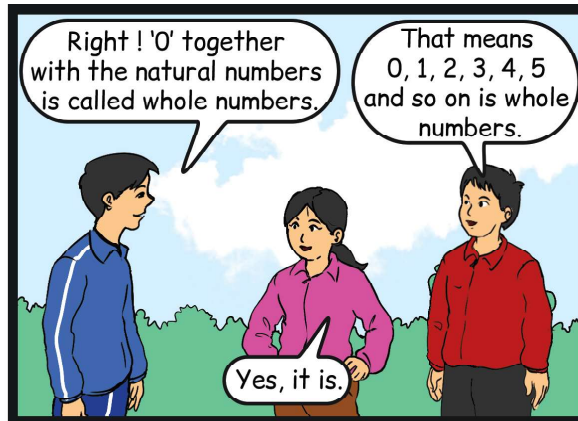
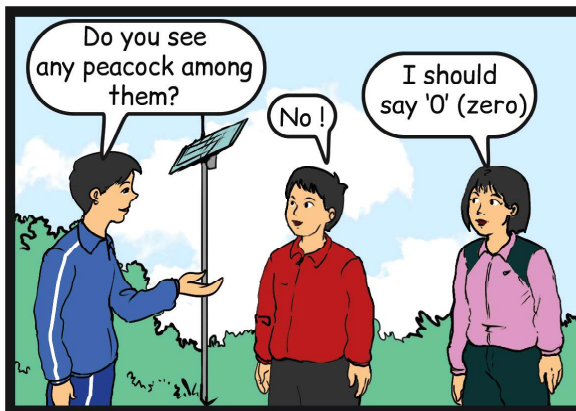
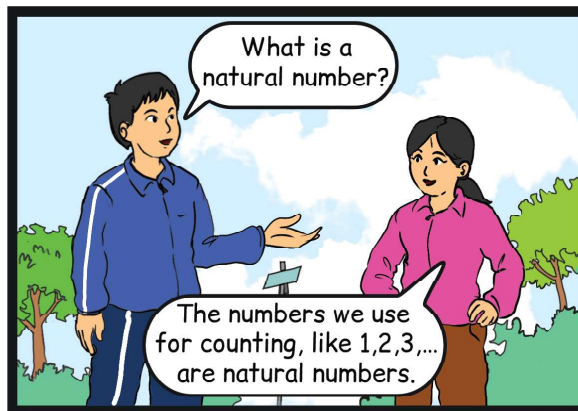
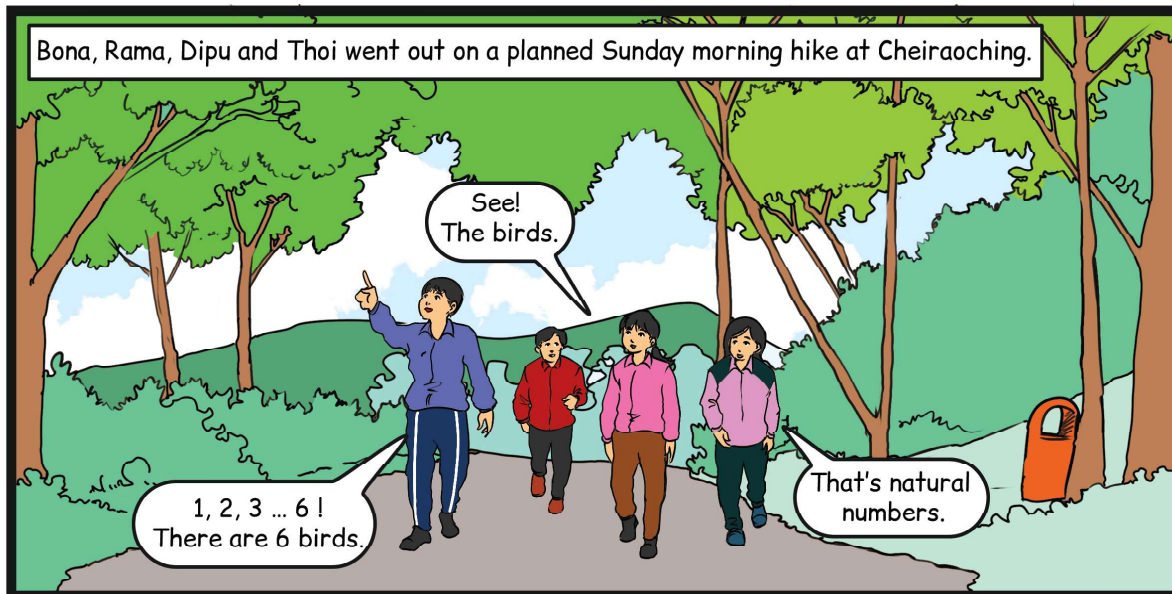
C-1.4 Explores and understands sets of numbers, such as whole numbers, fractions, integers, rational numbers, and real numbers, and their properties, and visualises them on the number line

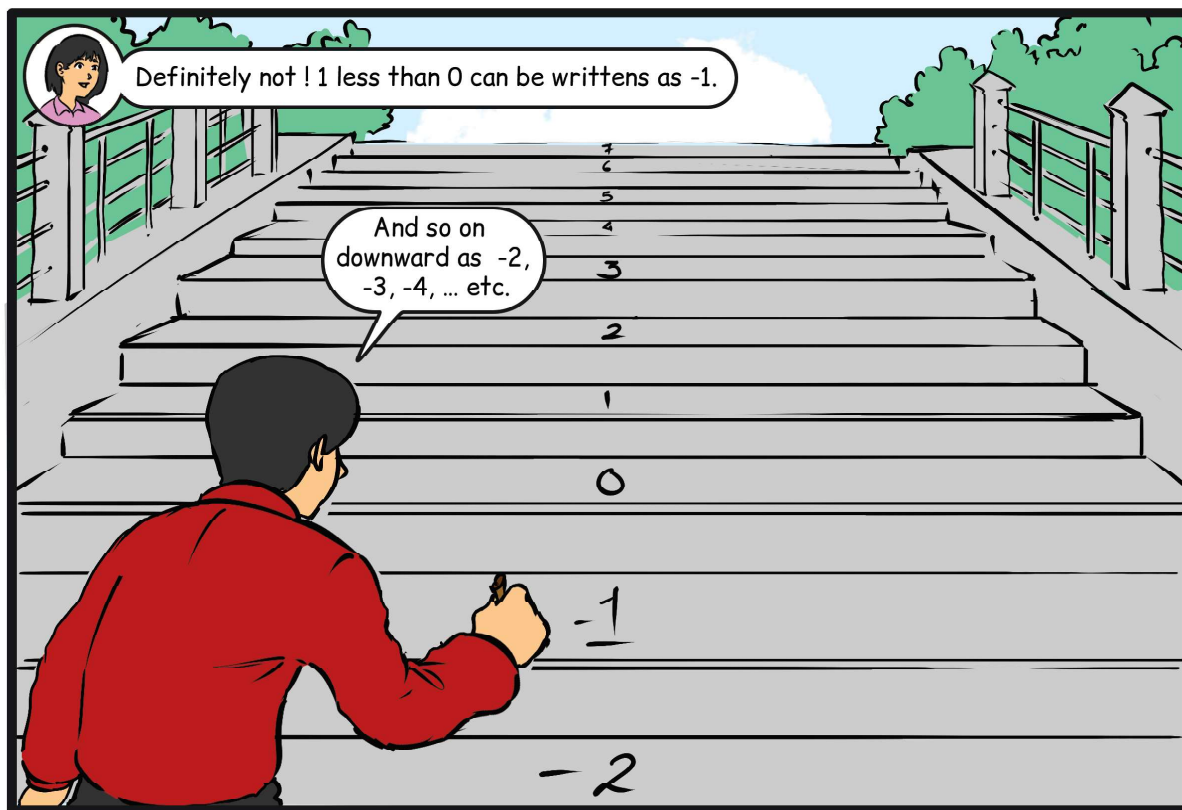
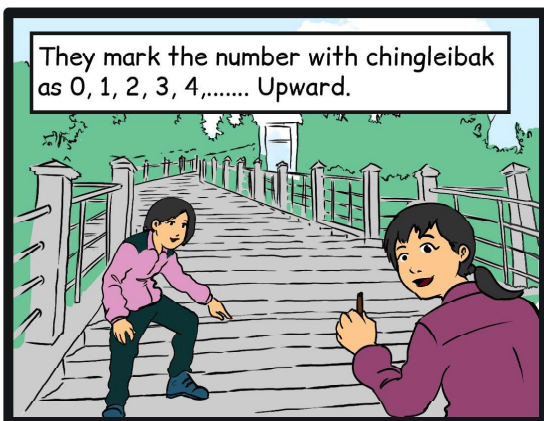
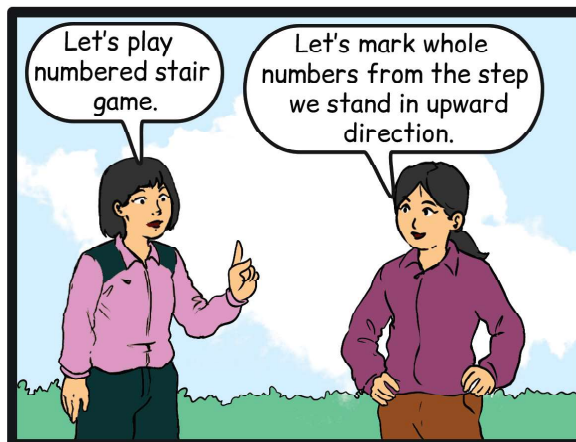
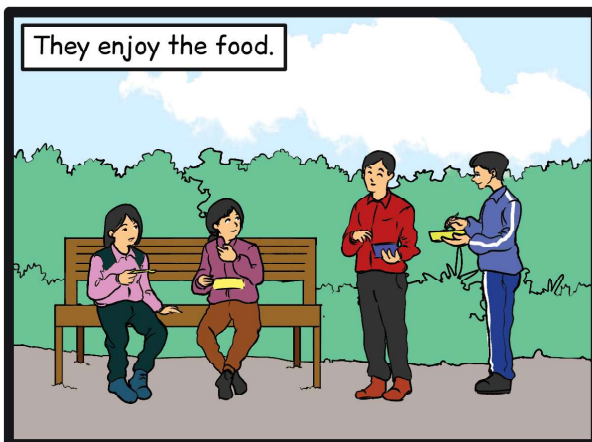
Learning Outcomes :

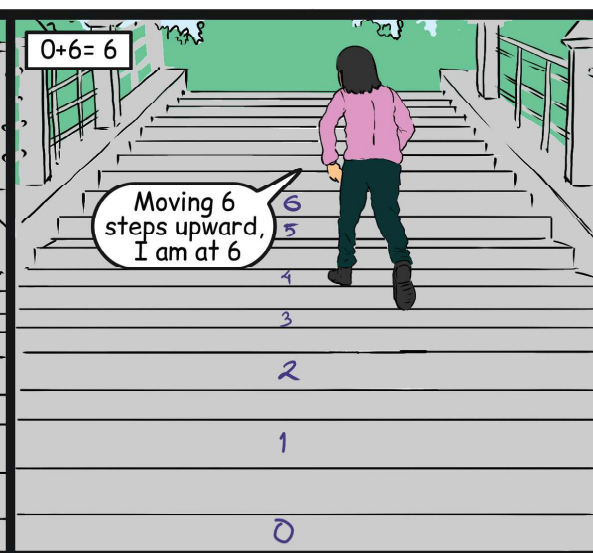
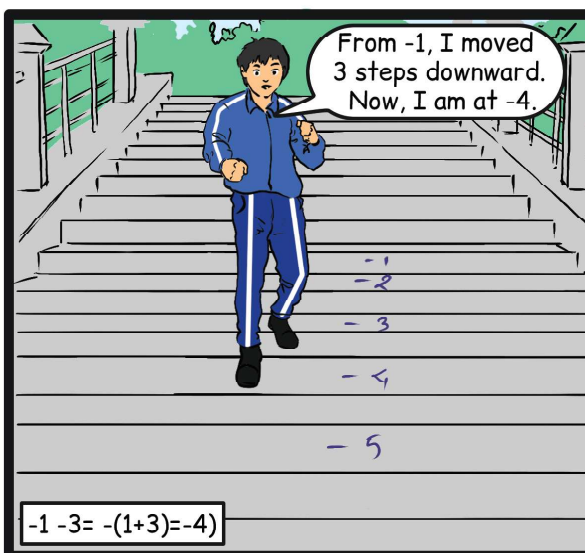
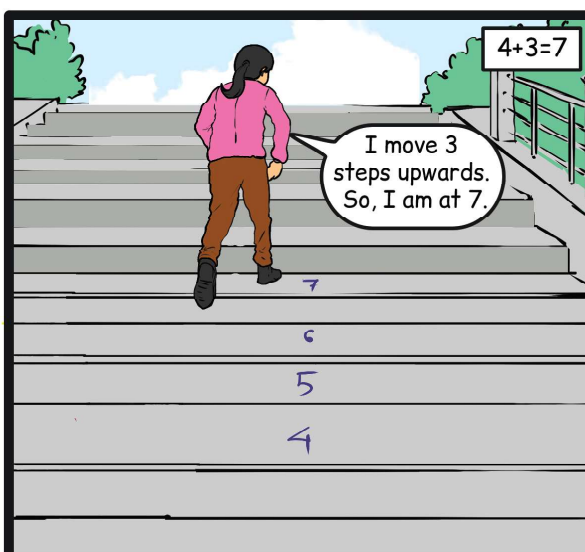
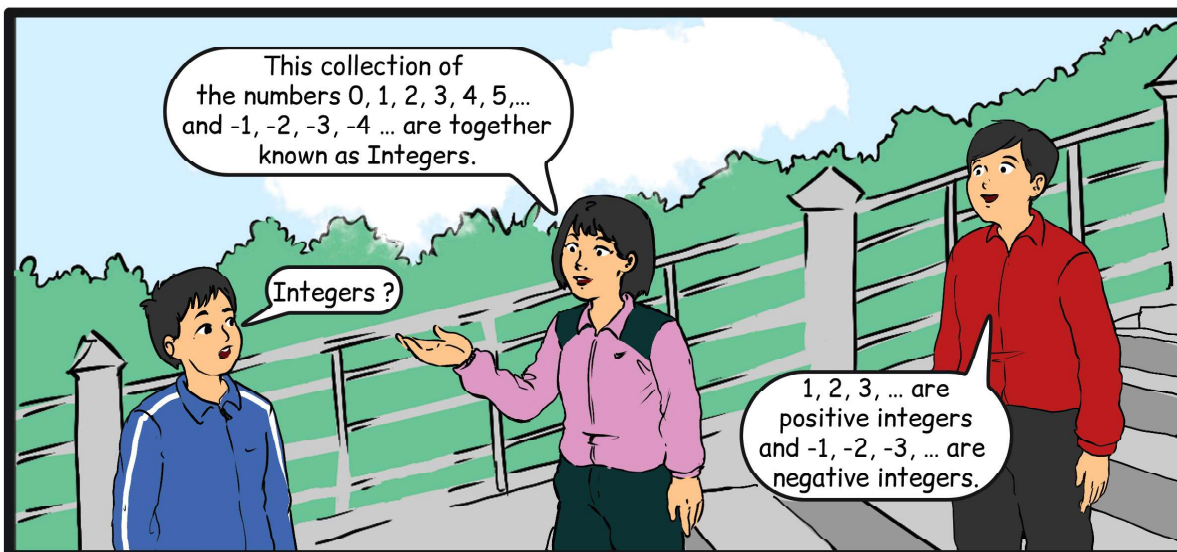
1. Differentiates between natural numbers, whole numbers, and integers.
2. Classify different types of integers.
3. Draws a number line.
4. Find successor, predecessor and additive inverse of an integer.

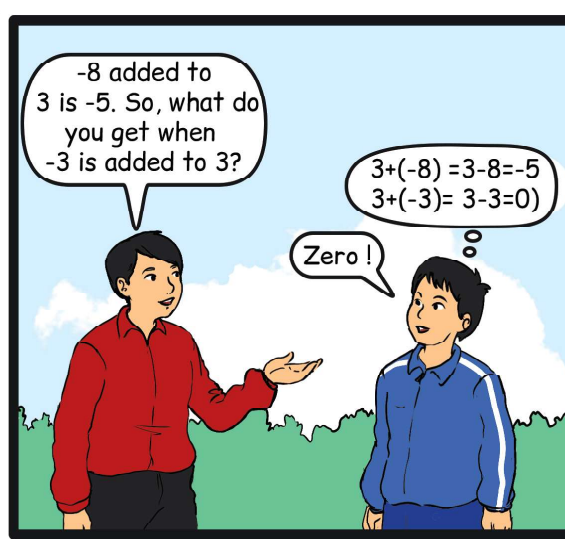
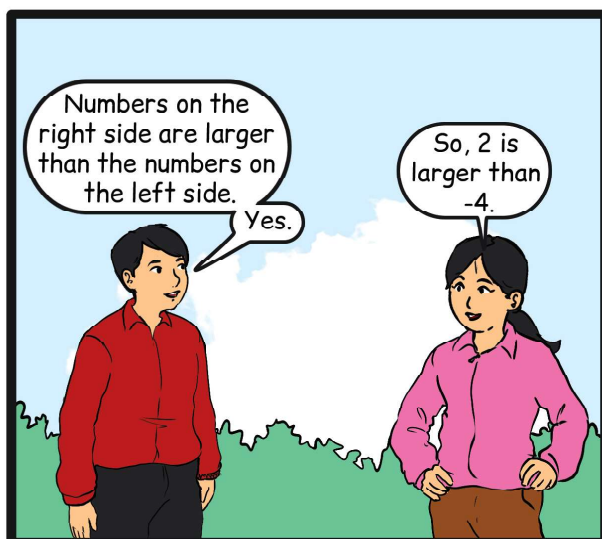
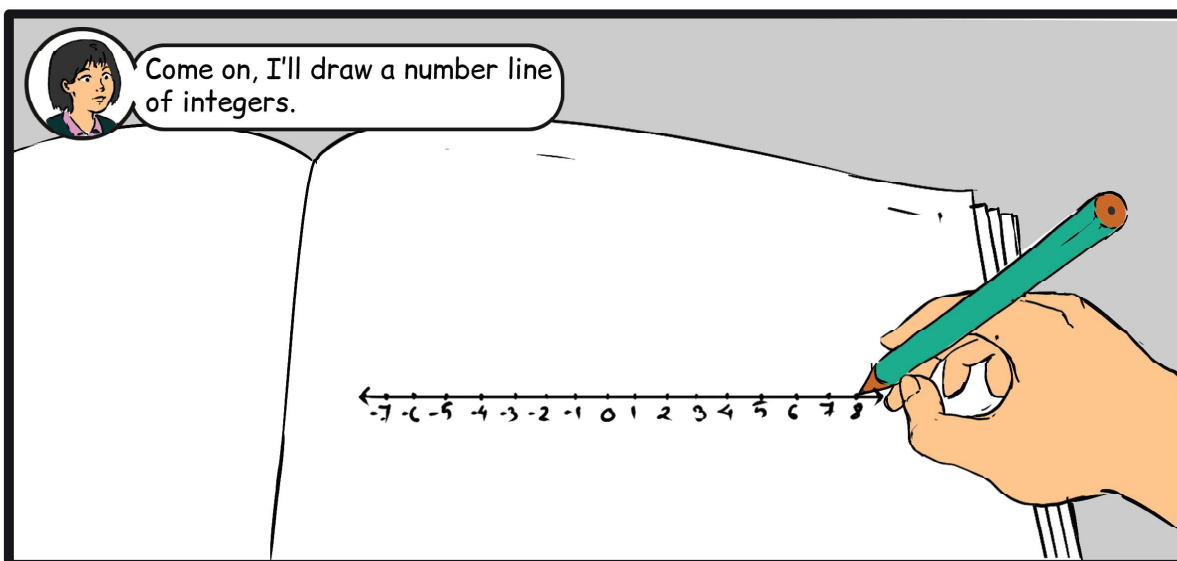
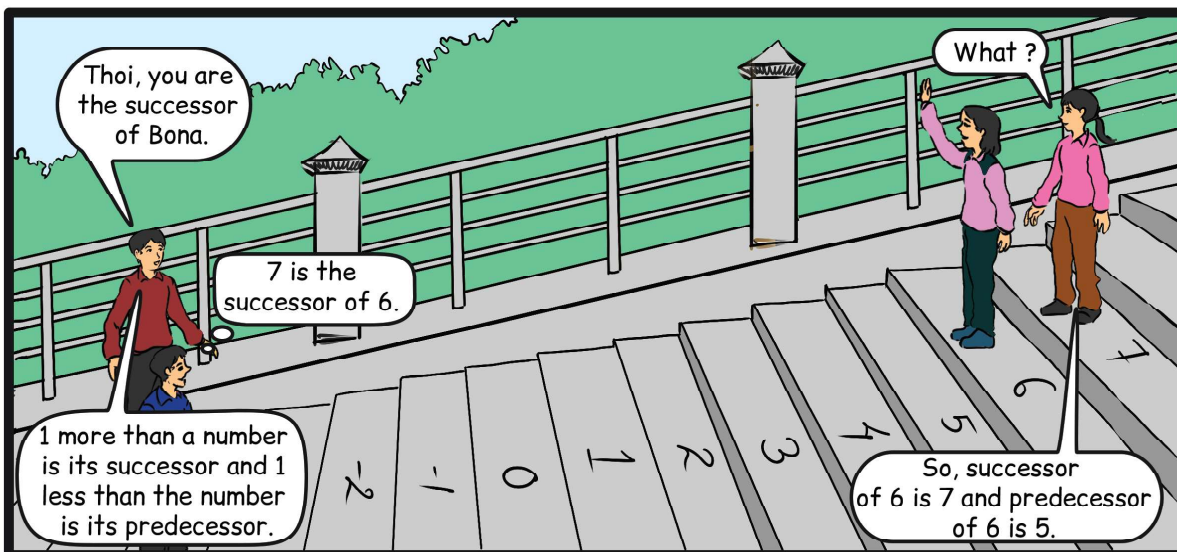
CHAPTER 6

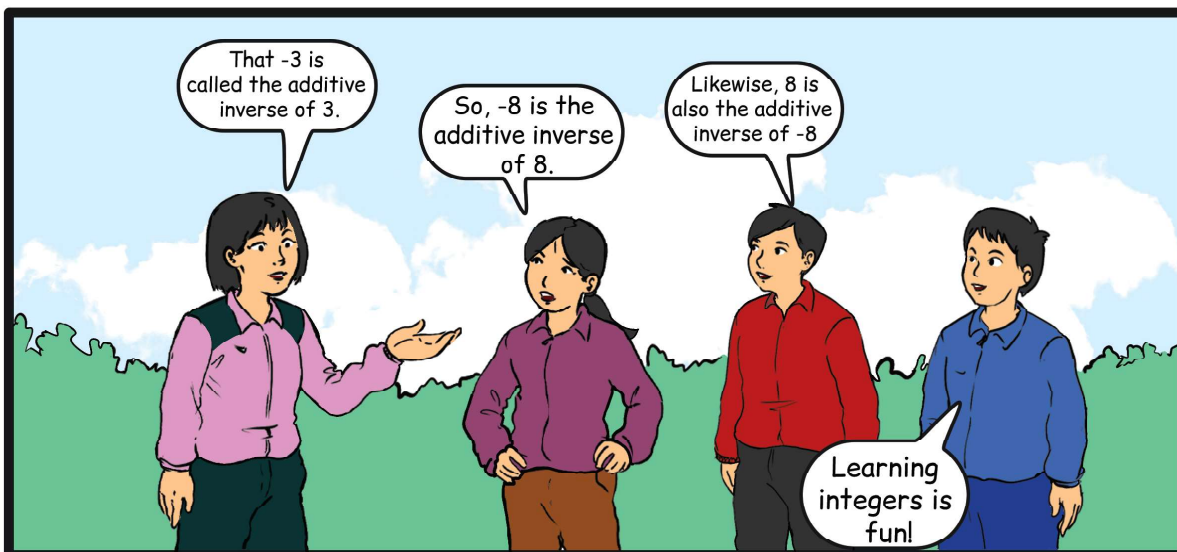
EXPLORING THE HILLTOP











ACTIVITY

1. Individual Worksheet: $\leftarrow$

-4	-3	-2	-1	0	1	2	3	4
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- In the number line box, colour positive integers with blue and negative integers with red.
- What colour did you draw at 3? _____
- What colour did you draw at -2? _____
- Is the box of '0' positive or negative integers?

2. Individual Worksheet

Number	Sucessor	Predecessor	Additive Inverse
6			
2			
12			
-5			

3. $\leftarrow$

-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8
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- 4 more than -1 is _____
- 6 less than 4 is _____