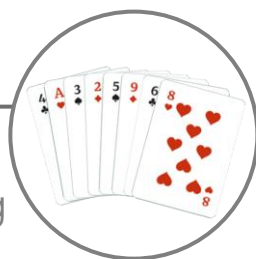


Supporting Activities

Add and Subtract Integers



Card Carnage: An activity for a group to be used in class or intervention to help children's understanding of adding and subtracting integers.

Resources: You will need a pack of playing cards (jokers removed), counters, place value charts, whiteboards and whiteboard pens.

Activity: In pairs, select five cards from the deck and use the cards to create a 5-digit number. If a 10 is selected from the deck, this should be replaced with a 0. Ace should be replaced with 1. A jack, queen or king can represent a digit of choice. Work together to show an addition and subtraction calculation using counters and place value charts alongside the formal written method.

Example:

Child 1: Selects the cards, 10, 6, 4, 2, and 3, Creates the number 60,423 using counters on a place value chart.

Child 2: Selects the cards, jack, 8, 5, ace and 4. Creates the number 38,514 using counters on a place value chart.

Both: Together, they add their two numbers showing any exchanges with the counters and writing the formal written method alongside on their whiteboards.

Repeat, but alternate between subtraction and addition so that they practise both skills.