

Y6 Maths of the Day Activity Card 1.1

Name

Class Date

Activity Title **Back And Forth**



Learning Objective: Use negative numbers and calculate intervals across zero.

<p>Things you will need Two dice Digit cards 3-9 A space to walk across and back in</p>	<p>Helpful hints You don't need a big space - you can count and step in the lounge, up and down the stairs (be careful!), in the garden - anywhere! A straight line is best.</p>	
<p>Activity</p> <ol style="list-style-type: none"> 1. Start at 0. 2. Roll the two dice. This is how many steps you will take. 3. Pick a 3-9 card. This is the multiple in which you will count. 4. Step and count backwards in negative numbers in the multiple you selected the right (dice) number of steps. 5. Roll again and count and step forwards in the same multiple as before, towards (or beyond) zero. 6. Now change your digit card. Roll again and count backwards into negative numbers again before rolling again and moving up to and beyond zero into positive numbers. 7. Repeat until you have used all the digit cards! 	<p>You can challenge yourself by.... Counting in your head as you walk. Get used to moving one way for positive numbers and the other way for negative ones.</p> <p>You could also start at a random number between -10 and +10 and multiply the dice number by 10 each time and count forwards and back in multiples of 10 from your starting number. Phew!</p>	
<p>How your teacher will know if you've done this Make a note of ten rolls of the dice, each with a +/- move, starting at zero, and record the number you are at after each roll. For example: 0 -7 = -7 + 9 = +2 -12 = -10 - 4 = -14 + 6 = -8 etc</p>		
<p>Weekly Health Fact Vegetables are packed full with the vital vitamins and minerals that your body needs to work well and grow and develop properly.</p>	<p>Survey Question How many portions of vegetables have you eaten today? This week?</p>	<p>Daily Fitness Challenge Can you complete 25 step ups every day this week?</p>