

Knowledge Organiser



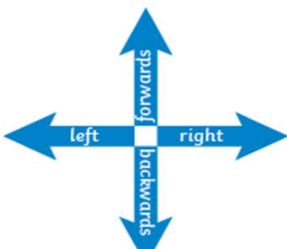


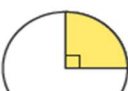






Year Group	Subject	Topic
Year 2	Maths	Geometry: Position and Direction

The Big Picture:

Children will be able to use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). They will also order and arrange combinations of mathematical objects in patterns and sequences.

Sequence of learning

- Describing movement
- Describing turns
- Describing movement and turns
- Making patterns with shapes

Position and Direction	Knowledge Organiser																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: #0056b3; color: white;">Key Vocabulary</th> </tr> <tr><td>forwards</td></tr> <tr><td>backwards</td></tr> <tr><td>left</td></tr> <tr><td>right</td></tr> <tr><td>north</td></tr> <tr><td>south</td></tr> <tr><td>east</td></tr> <tr><td>west</td></tr> <tr><td>quarter turn</td></tr> <tr><td>half turn</td></tr> <tr><td>three-quarter turn</td></tr> <tr><td>clockwise</td></tr> <tr><td>anticlockwise</td></tr> <tr><td>pattern</td></tr> <tr><td>sequence</td></tr> <tr> <td style="text-align: center;">  </td> </tr> </table>	Key Vocabulary	forwards	backwards	left	right	north	south	east	west	quarter turn	half turn	three-quarter turn	clockwise	anticlockwise	pattern	sequence		<div style="background-color: #0072bc; color: white; text-align: center; padding: 5px; margin-bottom: 10px;">Describing Straight-Line Movement</div> <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;">  <p>Left and Right The hand that makes an L shape is the left hand.</p> </div>  </div> <div style="background-color: #0072bc; color: white; text-align: center; padding: 5px; margin-top: 10px;">Describing Turns</div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;">  <p>quarter turn</p> </div> <div style="text-align: center;">  <p>half turn</p> </div> <div style="text-align: center;">  <p>clockwise</p> </div> <div style="text-align: center;">  <p>anticlockwise</p> </div> </div> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>three-quarter turn</p> </div> <div style="text-align: center;">  <p>full turn</p> </div> </div> <p style="margin-top: 10px;">If the turn is in the same direction as the hands of a clock, it is clockwise. If the turn is in the opposite direction to the hands of a clock, it is anticlockwise.</p> </div>
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Practise counting forwards and backwards in 2's, 3's and 5's everyday.

Count in 2's	2	4	6	8	10	12	14	16	18	20	22	24
Count in 3's	3	6	9	12	15	18	21	24	27	30	33	36
Count in 5's	5	10	15	20	25	30	35	40	45	50	55	60