



KS1 – Maths using Position & Direction with links to Sustainable Travel - Lesson 3

Objectives:	<ul style="list-style-type: none"> To follow and give instructions using whole, half, quarter and three-quarter turns
Success Criteria:	<ul style="list-style-type: none"> Co-operative group work Use of the key vocabulary Following instructions
Link to ICT	<ul style="list-style-type: none"> Use any programmable resources that are available such as Beebots or Romas
<p>Starter Activity: Chn to use small analogue clocks. CT to give directions for whole, half, quarter and 3/quarter turns. What did they notice?</p> <p>Teacher Input with key questions: Refer to the clock activity e have just completed. What did they learn? Introduce the term clockwise – what does that mean? Using that knowledge, what would anti- clockwise mean? How does this relate to right and left?</p> <p>Why would pedestrians and vehicle users need this information and skills? Think of examples of when we turn – left, right, on roundabouts, U turn</p> <p>Go over compass points – use a pneumonic to teach, N< S< E< W. Ask the children to turn, whole, $\frac{1}{2}$, $\frac{1}{4}$ $\frac{3}{4}$ turn to..... Ask a child to give instructions to class</p> <p>Repeat using two part instructions using compass points and as well as the type of turn.</p> <p>Again, we will work around 3 activities using specific vocabulary of turns, and compass points.</p> <p>Support CT and LSA to support the programmable devices.</p>	
<p>Group 1 - LA L1A – 2C</p> <ol style="list-style-type: none"> Programmable devices Small world vehicles and road mats or large sugar paper with roads and roundabouts drawn on Pairs of chn acting as robots 	
<p>Group 2 - MA 2C – 2B</p> <ol style="list-style-type: none"> Small world vehicles and road mats or large sugar paper with roads and roundabouts drawn on Pairs of chn acting as robots Programmable devices 	
<p>Group 3 - HA 2B – 3</p> <ol style="list-style-type: none"> Pairs of chn acting as robots Programmable devices Small world vehicles and road mats or large sugar paper with roads and roundabouts drawn on 	
<p>Plenary From the 1st task that the chn began on, select two pairs from each group to demonstrate.</p> <p>How do we know if the instructions have been followed accurately?</p>	