



Y3&4 – Maths using Position & Direction: Looking at the Environment with links to Sustainable Travel - Lesson 3

Objectives:	<ul style="list-style-type: none"> Can identify horizontal and vertical lines
Success Criteria:	<ul style="list-style-type: none"> Correct naming of horizontal and vertical Recognition of horizontal and vertical lines in differ situations Correct of orientation of drawn horizontal and vertical lines
ICT Link	<ul style="list-style-type: none"> Use any programmable resources that are available such as Beebots or Romas
<p>Starter Activity: http://www.tes.co.uk/ResourceDetail.aspx?storyCode=6118551 Using the pictures – children write an H or V on their wipe boards to indicate what they have seen.</p> <p>Teacher Input with key questions: Recap what was seen in the power point. How can we remember which is which? Why is it important to know this information? Where can we see these lines in our local environment?</p> <p>http://www.tes.co.uk/teaching-resource/Road-Safety-Powerpoint-with-activities-6094867/ Look at slides 1 -7 – our roads are full of horizontal and vertical lines. What do they tell us? Why are they important?</p> <p>Look at these posters – where are the horizontal and vertical lines. Go through the road safety messages. http://think.direct.gov.uk/education/early-years-and-primary/docs/lower-primary/poster_be_seen_town.pdf</p> <p>Activities:</p> <ol style="list-style-type: none"> 1. Programmable devises to create horizontal and vertical lines 2. Computer programme to create a picture of the local environment showing horizontal and vertical line 3. Road safety pictures – children to mark the horizontal and vertical lines. Keep for use in tomorrow’s lesson. 	<p>LA 2a – 3c</p> <ol style="list-style-type: none"> 1. Programmable devices 2. Computer programme such as pint – to create different pictures of the local environment with horizontal and vertical lines. 3. Using the road safety pictures – mark the horizontal and vertical lines <p>CT and LSA to support the programmable devices.</p> <p>MA 3C – 3B</p> <ol style="list-style-type: none"> 1. Computer programme such as pint – to crate different pictures of the local environment with horizontal and vertical lines. 2. Using the road safety pictures – mark the horizontal and vertical lines 3. Programmable devices <p>HA 3b – 4c</p> <ol style="list-style-type: none"> 1. Using the road safety pictures – mark the horizontal and vertical lines 2. Programmable devices 3. Computer programme such as pint – to crate different pictures of the local environment with horizontal and vertical lines. <p>Plenary From the first task that the children began on, select two pairs from each group to demonstrate. What have we notice about hospital and vertical lines? Why are they important – especially in road safely?</p>