



EYFS – Maths using Shape, Space & Measures - links to Sustainable Travel Lesson 1: Shape

Objectives: To understand and use vocabulary related to size of shapes and everyday vehicles in the environment. To relate the vocabulary of distance and time to vehicles.	Related areas of learning: CL To use the vocabulary of measurement. PD – development of Gross Motor skills through using bicycles and scooters to measure simple distances. UW – Understanding that rules keep us safe when we are out and about.	Key Questions / Vocabulary Fast, Slow, Long, Short, Wide, Narrow, Big, Small Can you cycle quickly? Can you stop quickly? How far can you scoot by the time I count to..... How many times can you cycle round the playground in...?
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Oral and Mental	Adult led / focussed activities	Exploring & Applying	Assessment Opportunities
<p>Go through the TES vehicles power point http://www.iboard.co.uk/iwb/Working-Vehicles-Information-Book-Reading-Level-A-246 Ask the children to name as many different vehicles as they can</p> <p>Main Teaching Session LO:</p> <ul style="list-style-type: none"> To name 2D shapes and talk about them To talk about the shapes in vehicles <p>Holding up each shape in turn, ask the children: What is it? How many sides does it have? Are the sides straight or curved? Are the sides all the same length?</p> <p>Show the children pictures from this link: http://www.communication4all.co.uk/Early%20Years%20Themes/Vehicle%20Shape%20Match%20up.pdf Ask them what shapes they can see.</p> <p>Plenary From adults in focused activity and the exploring and applying: What can you tell us about.....shape? What shapes does this picture have? How many rectangles is in this.....? How many triangles are on this ...? What shapes are the wheel of a ...?</p>	<p>Using the shape pictures, encourage the children to identify and name: circles, triangles, rectangles and squares.</p> <p>Encourage the children to compare and contrast the vehicles in how many and what type of each shape they can see.</p> <p>Count the sides of each shape to work out what it is.</p> <p>Record observations.</p>	<p>Cars/trucks in the sand/ water outside</p> <p>Play dough/junk modelling - creating vehicles</p> <p>Printing vehicles on paper using shapes</p> <p>Drawing shape vehicles using 2D shape outlines</p> <p>Create vehicle pictures by sticking down pre-cut coloured shapes</p> <p>Vehicle sorting hunt outdoors</p> <p>Vehicle books</p>	<p>The children can recognise simple 2D shapes in the vehicles</p> <p>The children can talk about the properties of 2D shapes</p> <p>The children can match shapes</p> <p>The children can talk about how shapes are similar in the environment</p>

Resources: Book: http://www.iboard.co.uk/iwb/Working-Vehicles-Information-Book-Reading-Level-A-246 Photos: http://www.communication4all.co.uk/Early%20Years%20Themes/Vehicle%20Shape%20Match%20up.pdf Sand, play dough, paper, crayons, cut out 2D shapes, glue, junk modelling Gross motor equipment

Next Steps: To explore spaces in the environment related to vehicles