

Maths on your daily walk 5 Parks, Playgrounds and Gardens

Week 5	When you get home		
	KS1	Y3/4	Y5/6
<p>For this walk you will need to go to a local park/playground.</p> <p>Or have a walk around the local shopping area or use your garden.</p> <p>You might want to take some photos or pen and paper to make some notes. Before you go out make a list of the things you need to spot form your year group.</p> <p>For KS2 take a photo of the playground so you can look at it when you get home. Y5/6 you will also need to take some string.</p>	<p>Spot the shapes.</p> <ul style="list-style-type: none"> See if you can recall where you saw the following shapes. <ul style="list-style-type: none"> Circles Triangles Squares Rectangles Pentagons Hexagons Draw some of the shapes you saw and label them e.g., steps on the slide - rectangles. What 3-D shapes can you spot? How many cubes and cuboids? Spheres? Cones? Pyramids? <p>Pattern</p> <ul style="list-style-type: none"> Did you see any repeated patterns? Can you draw some? What about brick patterns or window patterns? 	<p>Spot the shape properties.</p> <ul style="list-style-type: none"> On your walk did you see the following: <ul style="list-style-type: none"> Right angles Acute angles Parallel lines Perpendicular lines Different sized triangles Rectangles and squares. Draw some of the above. <p>3-D Shapes</p> <ul style="list-style-type: none"> What 3-D shapes did you see? Have a go at making your own version of them with spaghetti and plasticine, blu-tac or play dough. <p>Angle Explorer</p> <ul style="list-style-type: none"> Make yourself a right-angle shape with a piece of paper or card and explore your garden or home. Make a map of a room, the house or garden to show where you found right angles. 	<p>Spot the shape properties.</p> <ul style="list-style-type: none"> On your walk did you see the following: <ul style="list-style-type: none"> Scalene angles Reflex angles Objects with both parallel lines and perpendicular lines Quadrilaterals other than rectangles and squares such as rhombus, kite, trapezium, parallelograms Draw some of the above. <p>Scale</p> <ul style="list-style-type: none"> Use the photo of the playground to draw a scaled drawing. Or draw a scaled picture of your garden. <p>Tree Exploration</p> <ul style="list-style-type: none"> Did you know that you can measure the height of a tree by looking through your legs? All you need to do is start at the base of a tree, walk in a straight line and stop and bend and look through your legs if you can see the top then stop. The distance between the base of the tree and where you are stood is its height. Try this out. Use your string to measure the circumference of a range of trees.