


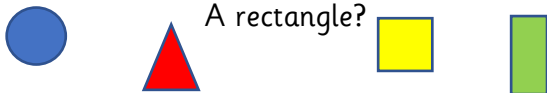










<p>Challenge 1: Look at some coins. How many ways can you sort them? You could think about the colour, the shape or the size.</p> 	<p>Challenge 2: Count how many times you can bounce a ball without dropping it. Was it more or less than 5? Can you beat your best score?</p> 	<p>Challenge 3: Prompt children to count to 5 on their fingers and count back from 5. Encourage children to show 4 or 5 using their fingers. Is there more than one way? Is it possible to show 4 or 5 using two hands rather than just one?</p> 	
<p>Challenge 4: Walk around your house with a grown up. Can you find something that is a circle? A triangle? A square? A rectangle?</p> 	<p style="text-align: center;">Year R Autumn 2 Maths Rocket Challenges Please return to school by Friday 5th January</p>  		<p>Challenge 5: Play What's the Time Mr Wolf? to 3 Mr Wolf says '1 more than' 1, 2 or 3 Children then have to walk 1 more step than the number given.</p> 
<p>Challenge 6: How do you know it is night? How do you know it is day? Make a list of things you only do at night and things you only do in the day.</p> 			<p>Challenge 7: Find a pot. How many things can you fit into your pot? Can you write the number?</p> 
<p>Challenge 8: Head outside and collect natural resources e.g. acorns/leaves/stones. Grab a handful – then count how many you have in your hand. Can you hold the same number of each item? E.g. can you hold as many conkers as acorns?</p> 	<p>Challenge 9: Find 3 boxes and cans. How many different ways can you build a structure with them? Which shapes are best for building with?</p> 		<p>Challenge 10: Sing and act out the rhyme Five Currant Buns together as a class. Pick 5 children to come and buy the buns. They give a 1 pence coin to the baker as they take the bun. Stop at regular intervals to encourage children to notice that, as a bun is taken away, there is 1 less each time.</p> 

Record the challenges in any way you choose. For practical tasks, adults may want to sign to say the children have completed it. Bring your work into school when it is all completed for a special certificate!