

<u>Challenge 1:</u> When you are out and about, count how many birds you can see. How could record this? Equally, you could go bird watching in your garden. 	<u>Challenge 2:</u> Find 6 different sticks outside and order them from smallest to largest. Is there anything else you can order in terms of length? 	<u>Challenge 3:</u> Practise counting back from 20. Challenge someone to complete a task in the time, e.g. can they put their shoes on whilst you count down from 20? Can they spread butter on toast whilst you count down from 20? 	
<u>Challenge 4:</u> Ask a grown up for a food item that can be shared easily, e.g. raisins, orange segments, chocolate buttons, grapes etc. Can you share them fairly within your family? How do you know each group has an equal amount? 	Year 1 Autumn 1 Maths Rocket Challenges Please return to school by Friday 7th November  		<u>Challenge 5:</u> Collect 12 autumn leaves from the ground. Collect 5 more things you can find on the ground. How many have you got altogether? Write a number sentence to record your findings. 
<u>Challenge 6:</u> Ask permission to help sort out the clean washing. How many single socks have you got? Can you put the socks into pairs? What has happened to the number? Line up the pairs of socks and count how many you have got. Can you count in multiples of 2 to find out how many socks there are altogether? 			<u>Challenge 7:</u> Find 10 shoes. Close your eyes and ask someone to hide some of the shoes. Count how many you have left. Can you work out how many are hidden? Find them and check your answer. Can you write a subtraction number calculation to record one of your turns? 
<u>Challenge 8:</u> Fill up a small empty container (e.g. yoghurt pot) with water and pour it into a larger container (e.g. pint glass). Count how many times you repeat this until the larger container is full. Can you use a measuring jug to see how many millilitres the larger container can hold? 	<u>Challenge 9:</u> A cooking challenge! Ask a parent to help you find a recipe to make a meal or bake a treat of your choice. Can you help by weighing all the ingredients accurately?  		<u>Challenge 10:</u> Count how many steps it takes you to travel across your kitchen. Is this more or less than your living room? Can you ask someone else to do it with you and see if they get the same number of steps? Think of a reason why it may have changed. 

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!