Year 2 Autumn 2
Maths Rocket Challenges

Please return to school by Friday 10th January

Hook Infant School

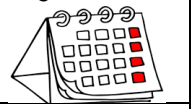
Challenge 1: When you are out, can you help a grown up pay for something that is less than £1? Think about what coins you would use to pay for this item and how much change you might get back?

Challenge 2: Find 10 different objects inside your house. Can you order them from smallest to largest? Can you use a ruler to measure them in cm? Is there anything else you can order in terms of length?

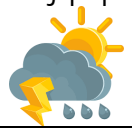
Challenge 3: Ask a grown up to hide an object in your house. Can you then play the 'hot' and 'cold' game where you have to ask for directions and use key language to find the object? E.g. "Is the object above/behind/underneath/next to / near?"

Challenge 4: Pick an exercise or an active workout that you can do 20 of. E.g. 20-star jumps. Record how long it takes you to complete on a timer. Do the same activity another time – can you beat your score?

Challenge 5: Pick a date in December – e.g. December 12th. Can you record how many more days/sleeps until that date? Can you draw a countdown sheet that you change each day? You could also practise writing your days of the week and months of the year.



Challenge 6: Pick a time of day e.g. 4pm. For 3 days can you record the weather at that time. Was the weather the same? Was it different / colder / rainier? Record your findings down on a piece of paper!



Challenge 7: Another cooking challenge! Ask a parent to help you find a recipe to make a Christmas treat / baking treat of your choice. Can you help by weighing all the ingredients accurately? What was the biggest number you looked at in the recipe? What was the smallest?

Challenge 8: Pick a number between 10 and 50. Can you draw / speak about all the facts you know about that number? Think of addition, subtraction, times tables, division, where do you see that number out and about?

Challenge 9: A pattern challenge! Pick 2 colours. E.g. red and yellow. Can you design a pattern with some red and yellow objects in your home? Can you challenge yourself and have 3 or 4 colours in your pattern?

Challenge 10: Ask a grown up to help you find some tins and other cooking items in your house. What 3D shapes can you spot? E.g. cylinder for tins, cuboids for boxes.

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!