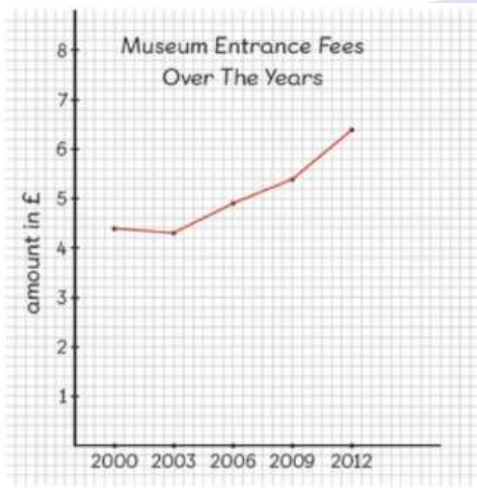# Maths activities Year 4 Week beginning 01.06.20

As well as these you can also do the Week 3 daily activities in Purple Mash, practise your times tables on TT Rockstars and complete daily lessons on MyMaths.

Monday 1st	Challenge activities
Fractions. Fraction pizza! My pizza has 8 slices and ½ of the slices are covered in cheese, how many slices is that? If a pizza has 12 slices and ¼ of them have mushrooms, how many slices is that? A gigantic pizza has 24 slices. ¾ of the slices have olives, what fraction of the slices don't have olives? I have 2 pizzas. Both pizzas have 8 slices. 1/8 of one pizza has chicken and 3/8 of the other pizza has chicken. What fraction of both pizzas have chicken altogether? Can you simplify this?	Design a pizza shop menu with fractions. List at least 3 different pizzas on the menu, telling your customers, in fractions, what toppings there are. e.g. The Kalahari Special, 8 slices: ½ pepperoni, ¼ mushrooms and ¼ peppers. Make it colourful and design images of your pizza for your customers! **PurpleMash**- Fraction Wall game. Can you beat my highscore of 9 on challenge C? **MyMaths**- Comparing scalable fractions

Tuesday 2nd	Challenge activities

Line graph.

Draw a line graph in your books showing this data.

Age (years)	Height (cm)
2	80
4	94
6	110
8	121
10	140

Bar graphs around your home.
Look in your kitchen for any food items. Investigate how much of the food you find is savoury, sweet, a drink etc. You can create your own categories. Put your findings into a bar chart.

MyMaths- Interpreting data activity.

Wednesday 3rd	Challenge activities
Multiplication. Can you think of a way to **pictorially** show these multiplication problems? 4 x 12 30 x 3 11 x 9 8 x 7 10 x 12	Division. Can you think of a way to **pictorially** show these division problems? 56 ÷ 4 108 ÷ 9 84 ÷ 6 98 ÷ 7 21 ÷ 1 Dividers game on **PurpleMash**- I managed to get 45 on challenge B, can you beat this? **TT Rockstars**- At least 10 soundcheck games.

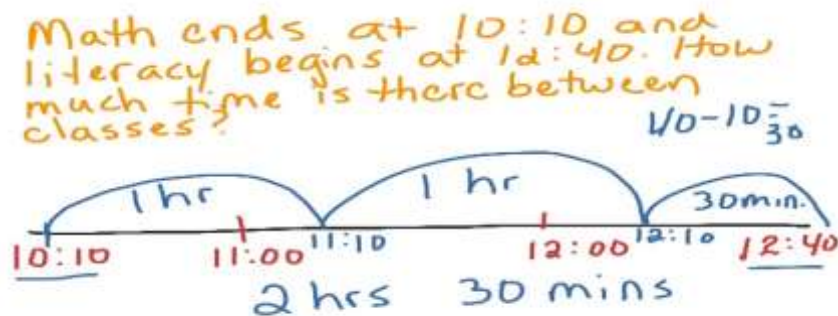| Thursday 4th	Challenge activities
Time. Use a number line to work out these time problems: If Mr Naylor set off from home at 09:05 and arrived in London at 11:15, how long did the journey take him? Lulu went to school for 08:40. She spent 5 hours and 25 minutes in school before she left to go home. What time did she leave school? I need to get to Newcastle at 16:00. If it takes 4 hours and 30 minutes to travel there, what time do I need to leave?	Create a timetable for a Leicester train company. Write down the **departure** and **arrival** times in **24hr** format. Then write next to it how long the train takes. e.g. Leicester to Paris. Departs 11:50, arrives 14:50. The train takes 3 hours. Your trains can go anywhere in the world so get creative! Maybe use Google maps to find some cities in Europe, or can you remember them from Coast to Coast? **MyMaths**- Time and Timetables activity

Math ends at 10:10 and literacy begins at 12:40. How much time is there between classes?

$12:40 - 10:10 = \frac{-}{30}$

1 hr   1 hr   30min.

10:10   11:00 11:10   12:00 12:10 12:40

2 hrs   30 mins

Friday 5th	Challenge activities
Money Money calculation problems. Arrange this money in ascending order: | £3.50 345p £3.05 430p | Arrange this money in descending order: | £5.50 545p £4.05 504p		Type these items into amazon, with an adult if possible, to find the prices: Sony 1TB PS4 Gryffindor School Scarf Gangsta Granny's Mental Maths Games Leicester Monopoly Board Game Ultimate Slime Kit How much is each item worth? What is the largest amount? Smallest amount? How much money would I need if I wanted to purchase a slime kit and a Gryffindor Scarf? **PurpleMash**- Shop multidraw game.

Access any other apps and websites you feel are appropriate for your child.