Home Learning
Year 5

This Week's Maths Tasks	WC 18th May 2020

Mental Maths

- Times Tables – Rock on daily! Keep times tables recall accurate and quick by using your Rockstars activity at least once a day. You are going to need quick recall in your division work this week.
- Complete the daily 10 Mental Maths activity https://www.topmarks.co.uk/maths-games/daily10

There are 6 levels with different areas under each level. Work through the levels and activities until you are quick and instant in your answers. Don't race to finish. Aim to get the recall of answers instantly. Accurate and fast recall of facts doesn't happen overnight and you have to keep revisiting it. You will know which areas you find easy and which are a challenge. Be a smart learner and spend time on the tough ones (and a little bit of time on the easy ones because it's hard doing the challenging stuff all the time).

Activity 1: Revising key skills

- I want you to revisit place value and ordering numbers correctly on a number line. Visit https://mathsframe.co.uk/en/resources/resource/37/placing-numbers-on-a-number-line .
- Drag the flag to the correct position on a number line. There is lots of choice over level, including whole numbers, negative number and decimals. Choose one type of number line or for more of a challenge you can select several. Work quickly to get more time, build your score and climb up the leader board.
- Maths in everyday life. Telling the time is a life skill. Practise your skills through this activity. Read the time on either an analogue or digital clock and then answer a word problem involving adding a given time. Find the correct time on an analogue or digital clock. There is lots of choice of level, including: adding 1 hour, multiples of 5, or 10 minutes or adding multiples of a quarter of an hour. https://mathsframe.co.uk/en/resources/resource/118/adding-time-word-problems

Activity 2: Short Division

- https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zgxdfcw
  Visit this link and remind yourself how to complete short division calculations.
- When you feel comfortable with this learn about doing division with remainders. Visit https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zcjh8mn
- Take your time and watch the clips a number of times if you need to.

Activity 3: - Short Division

- I have included on the website a file that has 4 sheets. It is called Short Division Questions. Each sheet gets more challenging. Work as far as you can. Do not worry if you do not complete all the sheets. If you decide Sheet 1 is challenging enough and you stop there I will still be pleased. Remember each individual has their own level of challenge.
- The sheets have practise questions. Some questions ask you to draw methods for completing the division calculation. I have given you some examples to help.
- Some sheets have 'Reasoning and Problem Solving' questions. Some are really quite challenging. Remember to draw pictures to help you understand the word problem if it helps.
- The fourth sheet has some 'Challenge' questions that require you to apply the division skills. Again, if you find this confusing it is alright to leave it or speak to an adult to help. Skills develop at different rates in maths, if you find these questions confusing right now you will get there eventually!

Activity 4 – NRICH Challenge

- For those of you who want extra challenge visit the link https://nrich.maths.org/6499
- This is a 'Countdown' type of game. You generate a number and use the numbers given and the 4 operations to hit the target number. The detailed instructions are on the game.

Useful Links and Videos

- https://www.topmarks.co.uk/maths-games/daily10
- https://mathsframe.co.uk/en/resources/resource/37/placing-numbers-on-a-number-line
- https://mathsframe.co.uk/en/resources/resource/118/adding-time-word-problems
- https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zgxdfcw
- https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zcjh8mn
- https://nrich.maths.org/6499