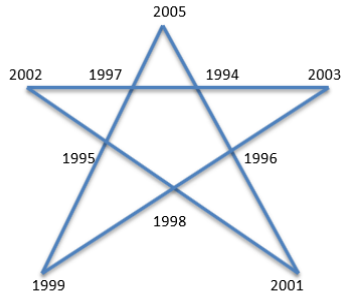
Home Learning – Maple class - 18th May

Maths

Your challenge is to find how times the digit 9 is used between 12 noon and midnight on the 24 hour digital clock. How about how many nines appear in 24 hours.

1) Add the numbers along each line in the star, e.g. 2005 + 1997 + 1995 + 1999.
2) There are five lines, so you should have five additions.
3) Add 7 to each number in the star and repeat the exercise. What do you notice? Can you subtract a number to find the smallest numbers to have on a star so that the same thing will still happen when you add the numbers along the lines? Create a new star of your own with a 3-digit number at each point.



Money, money, money…….
1. Write a 2-digit amount of money with 2-decimal places, e.g. £67.39.
2. Reverse the pounds and the pence to create a new amount, e.g. £39.67.
3. Find the difference between the two amounts, e.g. £27.72.
4. Check the answer to see if it is a multiple of 9.
5. Write a new amount and repeat this process.
6. Do this at least ten times. Do you get some identical answers?

HINT: To see if a number is a multiple of 9, add its digits to see if they total a number in the 9x table.
What patterns do you notice? Can you explain them?
What happens if you try a palindromic amount?

English

Over the next week we are going to look at newspapers and create your own mini newspaper.

You are going to create some newspaper headlines.
You will need to get five/six different pictures from a magazine or use the ones below. Think about four different headlines you could have for that picture. Try and be inventive as you can….! Could you use any puns or word play?

Using the pictures that you had yesterday. Create the opening paragraph for each of pictures – remember it needs to be punchy and to the point. Needs to contain most of the 5ws

Other areas of work

Science- I suggested you planted the seeds. What has happened to them? Today we going to think about what plants need to survive. MRS NERG
https://www.oum.ox.ac.uk/thezone/animals/life/index.htm
Create a poster on what you have found out.

Design an outdoor game for Victorian children to play.

Coding:
https://online.espresso.co.uk/espresso/login/Authn/UserPassword
username is:
Student 23648
P/W harling
Click on the middle section which says: discovery education - coding.
Click on the button and complete the first four lessons

Art: Can you draw simple objects, & use marks & lines to produce texture? Do you successfully use shading to create mood & feeling? Can you combine different pressures and shading techniques ?

French: You could sign up to this but you would need to check with an adult
https://www.duolingo.com/course/fr/en/Learn-French

What did a posh/rich Victorian home look like? Home does it compare to what it is like today?
http://www.primaryhomeworkhelp.co.uk/houses/victorian.htm

https://victorianchildren.org/victorian-houses-how-victorians-lived/

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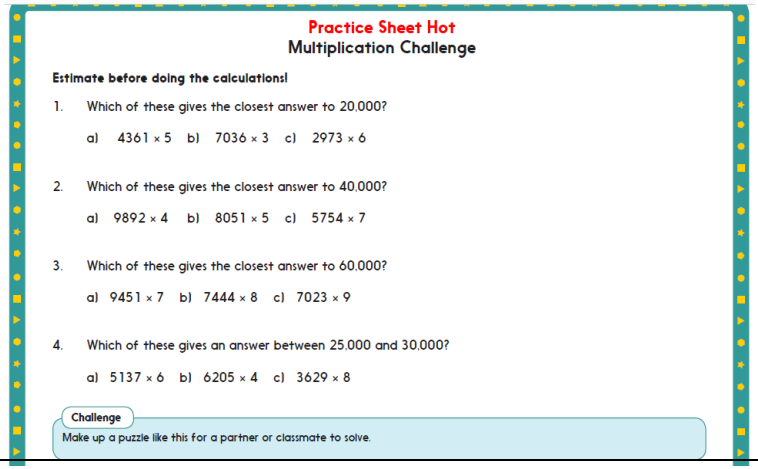

Practice Sheet Hot
Multiplication Challenge

Estimate before doing the calculations!

1. Which of these gives the closest answer to 20,000?
   a) 4361 × 5 b) 7036 × 3 c) 2973 × 6
2. Which of these gives the closest answer to 40,000?
   a) 9892 × 4 b) 8051 × 5 c) 5754 × 7
3. Which of these gives the closest answer to 60,000?
   a) 9451 × 7 b) 7444 × 8 c) 7023 × 9
4. Which of these gives an answer between 25,000 and 30,000?
   a) 5137 × 6 b) 6205 × 4 c) 3629 × 8

Challenge
Make up a puzzle like this for a partner or classmate to solve.

Roman Numerals

https://www.mathsisfun.com/roman-numerals.html#convert

Translate these Roman numerals. Don't forget to show your working out!

1. MD _____ 4. CXVI _____
2. MCD _____ 5. DCLX _____
3. XXXIV _____ 6. CXIII _____

Write these numbers in Roman numerals.

1. 35 _____ 4. 283 _____
2. 100 _____ 5. 570 _____
3. 99 _____ 6. 27 _____

Arrange these numbers in size order.

XXXV, XL, XXX, LX, LV, L, XLV, LXV

_____, _____, _____, _____, _____, _____, _____, _____,

Arrange these numbers in size order.

CL, CCC, CCL, C, CD, CC, L, CCCL

You are going to write a front page spread for a newspaper. Think about the headline and the opening paragraph. Remember you need to include an eyewitness. You might want to look at newspaper to remind you of what to include.

Opinion column: You are going to write an opinion column for your newspaper. You have to write the positive and negatives about wearing school uniforms. It has to written as though you are having a discussion. It is not a list

In newspapers they have film reviews - write one based on a film you may have seen since you have been in lock down.
https://www.rottentomatoes.com/m/toy_story_4

Optional extra for half term: You could add some other pages to your newspaper – like sport, fashion, showbiz. Competition pages etc.
You might be able to word process it and make it even more special.

Reading task:

Story Mapping

Draw a 'map' of the main events of a story or book that you are reading. Draw a picture of each setting and event with brief notes from the text. Join each event with arrows to show the progress of the story.

PSHE: Do you get enough playtime?? Watch this short film and write comments based on the questions that have been suggested. It doesn't have to be 200 words but it could be!
https://www.youtube.com/watch?v=YGYtIQW-CKM

Outdoor learning on the school website

If you could have a perfect room what would it be? Design and draw a plan of it. It needs to be a birds eye view. What would it include and why?

Complete another couple of sections from the spelling book. You could also sign up to this https://www.sirlinkalot.org/spellathome/

Continue with Joe Wicks or Jumpstart Johnny. You could do your own PE based work

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If you don't want to do the Newspaper work then below are these are Pobble write pictures - only write a couple of paragraphs based on the picture.