

HOME LEARNING

Hello everybody. Thank you for the fantastic work you have been producing. Remember this Monday there will be an 'Authors Aloud UK' Zoom call at 10:00am with Sam Copeland. So the scavenger hunt is postponed until the following Monday.



We have been squirreling away in school.

Monday

Times tables (15 mins)

Please practise the times tables in a random order and test yourself, by setting a timer.

Math's (Approx 45 mins)

Today you are dividing mentally.

Please choose one of Mondays math's sheets there are two to choose from one moderate (p.24) and one slightly easier (p.23). Use the rules below to help you.

Things to remember :

Multiples of 2 are even numbers, multiples of 10 end in 0, multiples of 5 end in 0 or 5, the digital root of multiples of 9 is 9 (i.e. if we add the digits, we get 9).

Multiples of three and four are more difficult to spot. In order to work these out. *Find the digital roots!* To find the digital root you need to keep on adding until you get a single digit (246: $2 + 4 + 6 = 12$; $1 + 2 = 3$).

If the last two digits of a number are a multiple of 4 then the number is divisible by 4.

Reading (this task should take around 25 min)

Please choose from the three different reading sheets about the sun (One star being the easiest reading sheet). Read through your chosen sheet and answer the questions.

Spelling (20 mins)

Look, say, cover write check.

English (approx 60 mins)

Today I would like you to finish writing your suspense story. Next, please use the checklist to confirm that you have all the features required for a fantastic suspense story. You will then need to edit and add in anything that will up-level your work. Proof read it carefully and aloud and use a dictionary to check spellings you are not sure about.

Science (1hr 15 mins)

Today I would like you research the planets in our solar system. Please fill in the research sheet labelled 'Monday's Science' there are facts with the sheet to help you. You will also need to gather some equipment and plan for tomorrow to either draw, paint or make your favourite planet. We know that some of you have been researching the Solar System and you have produced some beautiful presentations, however not everybody has and if we are learning about space this is essential.

Tuesday

Spelling (20 mins)

Look, say, cover write check.

Reading (25 mins)

Please take a look at the reading Powerpoint which is about inference. There is also a reading task which you must read. Then please answer the questions which are below it.

English (45 mins)

It always a great idea to proofread again with fresh eyes. Make any adjustments you have noticed, such as missing punctuation. Next, we would like you to write it up with all of your edits included and written in your neatest joined handwriting. Please include paragraphing.

Timestables (15 mins)

Please practise the times tables in a random order and test yourself, by setting a timer.

Maths (50 Mins)

Last term you looked at prime numbers, this is some consolidation work, whilst giving you some more mental division practise.

Remember:

A prime number is a number that is divisible only by two numbers, itself and one. The factor of a number is a number that can divide it.

An example of a prime number is 41.

A number that is not prime is a composite number. A composite number is a number that can be divided by more than two numbers.

How to check if a number is prime or composite; to check if a number is prime there are two conditions that should be checked

- 1) It should be a whole number (no decimals) greater than 1.
- 2) it should have only two factors i.e one and the number itself.

If these two conditions are satisfied, then we can say a number is a prime number.

TASK: We would like you to find the prime numbers in the numbers from 1 to 50. Write a list with your working outs.

Work methodically dividing the number using your times tables knowledge starting with dividing your chosen number by 2 and its factor pair.

e.g. divide 28 by 2 to find the other factor in the pair, write 2,14 as one factor pair. Therefore 28 is not a prime number as it is divisible by more than just itself and 1.

Science (1hr 25 mins)

This afternoon we would like you to make your planet or planets. Please take care over this. Below is a link to a clip on youtube to explain making paper mache planets.

<https://youtu.be/M7iokGsaYus>

Wednesday

Spelling (20 mins)

Look, say, cover write check.

Reading (25 mins)

Please read your reading book, think about the characters as you read.

English (30 Mins)

Today we are starting our new genre of discussion writing. Please read through and complete the tasks on the slides of the Powerpoint for Wednesday.

Times tables (15 mins)

Please practise the times tables in a random order and test yourself, by setting a timer.

Maths (45 Mins)

For this you must remember the work you did on square numbers. ***To find a square number, you multiply a number by itself.***

Today's task is to find the difference between consecutive square numbers. $2^2 - 1^2 = ?$, $3^2 - 2^2 = ?$ and so on, using Multiplication grid which is provided (12 times-table) if necessary. For finding square numbers from 13 to 20 use the grid method or a calculator as appropriate. You should then check to see if it works for larger consecutive square numbers, e.g. $21^2 - 20^2$.

Science (2 hours)

Finish your planet art. We would then like you to read through the slides labelled Wednesdays constellations slides.

Thursday

Spelling (20 mins)

Look, say, cover write check.

Reading (25 mins)

Please read your reading book and quiz if you are ready to.

English (1 hour)

Please complete the activity sheet first, use the word mat to help you with this. Then I would like you to complete the planning sheet to plan your own discussion text. This can be space themed or something else you are interested in.

Math's (45mins)

Today we are using mental strategies to multiply numbers.

An example is 120×6 . We know twelve multiplied by six equals seventy-two, so one hundred and twenty multiplied by six is ten times as big which is seven hundred and twenty.

$14 \times 6 =$ Partition 14 into 10 and 4 and multiply each by 6. Jot down 60 and 24, then add these to give 84.

Please access the questions saved under Thursdays Math's task. Do as many as you can. The answers are provided but please do not use them unless you are marking.

Art (90 Mins)

I would like you to pick some constellations from the slides yesterday and present this in a creative way. Perhaps painting or drawing. In class we are going to use split pins and string.

Friday

Times tables (15 mins)

Please practise the times tables in a random order and test yourself, by setting a timer.

Spelling (20 mins)

Look, say, cover write check and test yourself.

Please also see 'Fridays Math's' and 'Friday's English' documents.

Extra Tasks:

You can pick from these activities for extra tasks:

Planet Spotting Extra Activity uploaded. (WK beg 18th Jan)

*Access the **Pobble365** website there is a daily picture with a story starter and challenges for you to choose from.*

Choose a lesson from BBC Bitesize.

Read an extract from a new book on Lovereading4kids.

Sneeze Zone Science Activity uploaded. (wk beg 18th Jan)

Decimal Jigsaw Activity uploaded (wk beg 25th Jan)

Write a prayer of gratitude focusing on all of the positive things in your life.

Keep a moon diary, where you draw the moon phase each night for a month.

