

Name:

Year: 5

Week: 4

School Closure Home Learning Task Sheet: Expectations - 1 Maths Task + 1 Literacy Task Each Day and 1 Topic Task per week.

This task overview sheet is designed to be used by parents and pupils in the event of a school closure.

Tasks and activities do not need to be completed in the order that they are written.

Visit the school website and your child's year group page to view this sheet and any hyperlinks electronically.



Maths skill: Use mental strategies to recall multiplication tables for the 2,3,4,5,6,8,10

First practise saying your times tables aloud. (one times three is three)

Next practise writing down you multiples (3, 6, 9, ...) up to 12 x the number

If you can access Topmarks Hit the button game - practise on there and see what is the highest score you can get!

If you can't access Topmarks, ask someone to write some mixed tables questions, they could write 10 questions for you. E.g.

1. $4 \times 3 =$
2. $7 \times 4 =$

Challenge yourself to time how long it takes. Repeat with other questions - can you beat your score?

Date completed

Literacy Skill: Use a variety of strategies to spell words.

Activity: Practise high frequency words or spelling words and investigate their meanings.

Group 1 (high frequency words) - put, could, house, old, too, by, day, made, time, I'm, if, help, Mrs, called, here, off, asked, saw, make, an

Group 2 (high frequency words) - lets, much, suddenly, told, another, great, why, cried, keep, room, last, jumped, because, even, am, before, gran, clothes, tell, key

Group 3 (contractions) - do not, don't, cannot, can't, is not, isn't, does not, doesn't, I had, I'd, I have, I've, I will, I'll, I am, I'm.

Practise your spelling words and look up their meanings if unsure. If you cannot remember your group number, then choose the group that would be a fun challenge or contact your teacher on Class Dojo for help. Create a sentence for each word, can you use more than one in the same sentence?

Date completed

Maths skill: Use doubling strategies

Remember that doubling means we are multiplying by 2, or adding a number to itself. (e.g. double 13 is $13 \times 2 = 26$ or $13 + 13 = 26$)

One strategy we can use for doubling is partitioning (splitting into hundreds, tens and units)

If I want to double 379 I can double the H, T and U separately, so...

Double 300 = 600

Double 70 = 140

Double 9 = 18

Literacy Skill: infer meaning which is not explicitly stated, e.g. what happens next?, why did he/she do that?

Activity: Look at the picture and answer the questions below.

https://www.onceuponapicture.co.uk/portfolio_page/said-the-stars/

"Look up," said the stars, "and all your dreams will reveal themselves."

What can you see? What makes this image so beautiful? Who is the person?

Why are they holding a bike? Where have they come from? Where are they going?

Why have they stopped?

Then the final step is to add them. $600+140+18 = 758$

Or you could set it out like this-



You could also do column addition to add the number to itself, so...

$$\begin{array}{r} 379 \\ +379 \\ \hline 758 \end{array}$$

Try for a range of numbers (2, 3, 4 digits and decimals to challenge yourself!)

Date completed

What are the person's dreams? How will they reveal themselves?

Write the opening paragraph to the story. Challenge yourself by using the spelling words from yesterday's activity.

Date completed

Maths skill: Use halving strategies

So today is the skill of halving, which is the opposite of yesterday's doubling work! You may be able to do this mentally, but it can be trickier with 3 and 4 digit numbers.

So if doubling is multiplying by 2, to find half we must divide by 2.

We can partition again, if I want to find half of 458 -

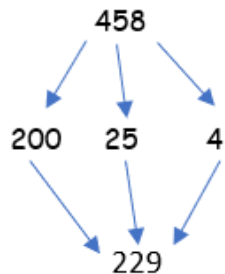
$$\text{Half of } 400 = 200$$

$$\text{Half of } 50 = 25$$

$$\text{Half of } 8 = 4$$

Then the final step is to add them up $200+25+4 = 229$

Or



Date completed

Literacy Skill: use information from trusted sources, on-screen and on paper, selecting and downloading as necessary

Activity: Research information about our solar system.

Create your own fact file about the solar system. Use information from the internet, books or family / friends. Think about how many planets there are, which order are they closest to the sun? Is the sun a planet? How can you find out?

Find a minimum of 10 facts about the solar system.

Date completed

Maths skill: Represent data using tally charts, tables and frequency tables.

Today I would like you to collect some data. Remember that data is just information.

I would like you to collect data and record it in a tally and frequency table.

You can choose whatever data you would like to collect.

You might do a traffic survey (although there shouldn't be many cars on the road at the moment!)

You might do a survey of birthdays. You could use your family's birthdays, your friends, even famous people by searching on Google! So your results would be recorded like this-

Month	Tally	Frequency
January - Ionawr	III	3
February - Chwefror	IIII	4

Once you have collected your data (try to get at least 20) then you can create a bar chart.

Remember for a bar chart -

Choose your scale carefully, label your axes, leave a space between your bars and give it a title.

You could draw it on paper OR you could use j2data on hwb to create your bar chart.

Date completed

Maths skill: Draw the reflection of a shape in any line

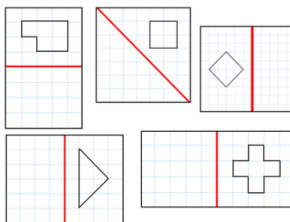
(A line can be horizontal _ vertical | or diagonal /)

When you reflect a shape on a line, it is exactly the same on both sides of the line. Just like when you look in a mirror, your face is exactly the same.

There is symmetry in the world around you, such as butterfly wings, both is exactly the same!

So can you draw some shapes and then their reflection. Challenge - use different mirror lines (horizontal, vertical, diagonal)

They may be simple shapes like these examples, or more complex shapes with colours too.



Date completed

Literacy Skill: use information from trusted sources, on-screen and on paper, selecting and downloading as necessary

Activity : Use the words below to complete the sentences. You may wish to use the internet to find out the information for each answer. Use information from the internet, books or family / friends.

Mercury, Mars, Uranus, Planet, Venus, Earth, Jupiter, Neptune, Sun, Saturn, Kuiper belt, Star.

_____ is red and is the fourth planet from the Sun. _____ is blue and is the eighth planet from the Sun. The _____ is a ring-shaped disc made up of asteroids and dwarf planets. _____ is the largest planet in the Solar System. _____ is the second planet from the Sun. _____ has 27 moons and is the seventh planet from the Sun. _____ has many rings. _____ is the sixth planet from the Sun. _____ is covered by land and water. It is our home planet. _____ is very hot and is the planet that is closest to the Sun

Date completed

Literacy Skill:

Activity : Write a diary entry as the first child in space.

What do you think it would be like to go into space? How would you feel? What would you miss? Some people say that blasting off into space is like a really fast roller coaster that lasts a long time. Would you like that? Imagine that you have been asked to visit space for the day as the first child astronaut. You may wish to write about the

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Home Learning Topic Task

This half term we are looking at Space and Robots

You have been challenged to create a new hotel in space which will be built on one of the 8 planets in our solar system. You will need to research one planet and find out important information such as :

- the temperature of the planet,
- the size of the planet,
- What type of planet is it? Is it an icy planet or a dusty planet?

The hotel has to be suitable for the planet it lives on. Planets closer to the sun will be hotter so how will you make sure that it will be okay with so much heat and the hotel guests don't get too hot? Could you invent shields for protection? Planets far away from the sun will be very cold, how can you make sure the holiday guests don't freeze?

- Give your hotel a name.
- What is great about your hotel? Why should I visit it? Persuade me.
- How will people travel to your hotel from Earth? How long will it take?
- How much is your hotel to stay in? How many days can I stay?

You can design your hotel on paper, you can create your hotel out of junk or just your computer to present it. Be creative and as imaginative as you want. There is no wrong answer, just make sure you can give reasons for why you have made your choices.

We are very excited to see what you come up with! 😊

**Thank you for completing the School Closure Home Learning Task Sheet - Your support is very much appreciated.
Please return this sheet to your child's class teacher on return to school. Diolch yn fawr!**