



Year 4 Home Learning week beginning 08/06/2020

Please see below the tasks we would like your child to work on this week. Please do what you can but do not worry if you cannot complete all the work. Just do the amount of work that is right for your individual child and do not worry if it does not all get completed. We understand that each and every one of you is facing different circumstances and challenges.

If you have any problems, please remember that you can email me at sbutcher@wtwschool.co.uk during school hours. I will also be calling once a week so please feel free to use that call to ask for any help with any of the tasks, or to share what you have been doing.

Please note that any links to internet sites and YouTube videos need to be supervised by an adult, and they may contain adverts. You do not need to pay for any of the sites we are suggesting.

If you need any additional pencils, paper or other stationery, please contact the school and we can arrange that for you to collect.

Maths

Information for Parents:

The focus for this week will be on multiplication. The range of activities includes problems involving multiplying by 10 and 100, multiplying single digits and the short multiplication method.

Some things to remember:

Multiplying by 1, 10, or 100

- When you multiply by 1 the answer stays the same. $21 \times 1 = 21$
- When you multiply by 10, move all the digits one place to the left, putting a zero in the empty space. $21 \times 10 = 210$
- When you multiply by 100, move all the digits two places to the left, putting a zero in the empty spaces. $21 \times 100 = 2100$

Hundreds	Tens	Ones
	2	1
2	1	0

$$21 \times 10 = 210$$

Grid method for Multiplication:

$$5 \times 123 = 615$$

$$5 \times 123 =$$

100 20 3

$$(5 \times 100) + (5 \times 20) + (5 \times 3)$$

	100	20	3
5	500	100	15

$$500 + 100 + 15 =$$

Short multiplication

To multiply 237 by 4 without using a calculator, you can set it out like this:

$$\begin{array}{r}
 237 \\
 \times 4 \\
 \hline
 948 \\
 \begin{array}{cc} 1 & 2 \end{array}
 \end{array}$$

1. Start with 4×7 , which is 28, so write the 8 and carry the 2 to the tens column.
2. $4 \times 3 = 12$, but remember to add the carried 2 to get 14. Write the 4 and carry the 1 to the hundreds column.
3. $4 \times 2 = 8$, and we add the carried 1 to get 9.

Therefore:

$$237 \times 4 = 948$$

This method is called short multiplication.

Mymaths.co.uk tasks

This is a suggested break down of a lesson per day but it is up to you when they are completed in the week.

Monday	<p>Today the session will focus on Multiplying by 10 and 100.</p> <p>Watch:</p> <p>https://www.bbc.co.uk/bitesize/articles/z7r492p</p> <p>Children are to complete the lesson on My Maths:</p> <p><u>Number > Multiplication > Year 4 > Multiply by 10 and 100</u></p> <p>And then complete the homework task set linked to this by logging in with your username and password.</p>
Tuesday	<p>Today the focus will be on Multiplying Single Digits.</p> <p>Watch this as this session talks about Factor Pairs:</p> <p>https://www.bbc.co.uk/bitesize/topics/zfq7hyc/articles/zp6wfcw</p> <p>Children are to complete the lesson on My Maths:</p> <p><u>Number > Multiplication > Year 4 > Multiplying Single Digits</u></p> <p>And then complete the homework task set linked to this by logging in with your username and password.</p>
Wednesday	<p>Today the focus will be on Multiplication.</p> <p>Children are to complete the lesson on My Maths:</p> <p><u>Number > Multiplication > Year 4 > More Multiplication</u></p> <p>And then complete the homework task set linked to this by logging in with your username and password.</p>
Thursday	<p>Today the focus will be on Short Multiplication.</p> <p>Watch:</p>

	<p>https://www.bbc.co.uk/bitesize/articles/zjbyvk7</p> <p>Children are to complete the lesson on My Maths:</p> <p><u>Number > Multiplication > Year 4 > Short Multiplication</u></p> <p>And then complete the homework task set linked to this by logging in with your username and password.</p>
Friday	<p>Today the focus will be on More Short Multiplication.</p> <p>Children are to complete the lesson on My Maths:</p> <p><u>Number > Multiplication > Year 4 > More Short Multiplication</u></p> <p>And then complete the homework task set linked to this by logging in with your username and password.</p>
<p>Extra Optional Work:</p> <p>IXL H6 H8 H9 H10</p>	
<p>Reminder:</p> <p>You can also spend some time each day on Time Tables Rock Stars. Your username and password are in your Home Learning pack.</p>	

Reading
<p>Please read daily a book of your choice for at least 30 minutes.</p> <p>Alternatively, you can read a free copy of the children's newspaper, First News, found at:</p> <p>https://schools.firstnews.co.uk/wp-content/uploads/sites/3/2020/03/Lores_718-1.pdf</p>

Information for Parents:

This week we will be writing leaflets/brochures for our tasks. This writing is an information text using headings and sub-headings to organise your writing. You could add pictures and diagrams as well as tables of information.

Below are some explanations and examples that may be useful before you start your tasks:

What is a leaflet?

A leaflet is an information booklet that is usually printed on folded paper in an easy-to-read format. The aim of a leaflet is to present information on a particular topic in an eye-catching way. As well as giving information, a leaflet can also explain, describe and persuade. Leaflets can give information on a wide variety of subjects ranging from holidays to health. Presentation is the key to making sure a leaflet will appeal to its audience. The use of effective headings, pictures, clear explanations and short but interesting descriptions also have a place.

Useful Tips:

1. Leaflets are small - There is less space for writing on a leaflet so you have to explain your message in fewer words.
2. A leaflet needs to be striking to look at so that people will read it when it falls out of the newspaper/is sitting in a rack at the station. It needs a strong heading, and the layout has to be clear and direct to attract the reader.
3. Leaflets provide clear information - The message of a leaflet has to stand out. Using large print, colour and a slogan or catchphrase will make people read on. Using too many words will make them stop!



Task 1

Go to the website for London Zoo:

<https://www.zsl.org/zsl-london-zoo>

You can take a virtual tour of the zoo which is a nice activity on its own as some of the links take you to a live view of parts of the zoo.

Use the website to find out about some of the different things that you can enjoy if you visit the zoo once it is allowed to reopen.

Create a leaflet/brochure giving lots of information that will encourage visitors to spend the day there.

Here are some of the things to think about and some sub-headings to help you to organise your writing:

How To Get There

Prices

Animals

Food and Shopping

Other Activities

Special Events

Try to add pictures. You could draw or label what you would put in your leaflet if you had photos of the zoo.

Think about making it attractive using different lettering, colour, 'Did you know?' Boxes or 'Fun Facts'.

Task 2

Watch this Newsround clip about a child in America motivating children to exercise while at home:

<https://www.bbc.co.uk/newsround/52013994>

Think about how you could create a leaflet to encourage children to exercise at home or outdoors. Consider all the different types of exercise possible at the moment during times where some activities are restricted or not possible.

Your leaflet could include:

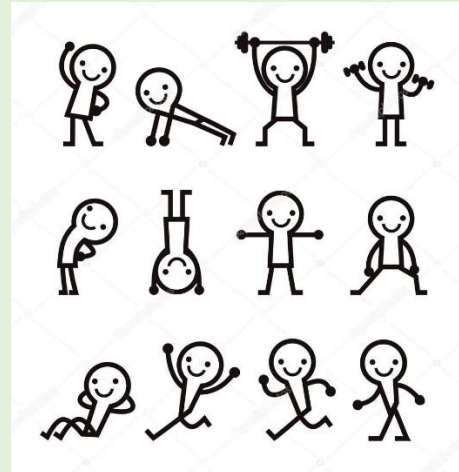
Introduction

Explain the importance of exercise and the reasons it is so good to get regular exercise.

Examples of Exercise

Other Fun Activities to get you Active

You could draw diagrams to show how to do the exercises.



Task 3

Think about a local park or a park you have enjoyed visiting. Or, you could design your own super park and imagine all the things you would like in a park.

Create a leaflet advertising the park and the things you could do there. Let your imagination run wild.

Think about:

Where is the park?

What can you do there?

When is it open?

Who would like to visit it?

What are the different facilities?

Can you take a dog there?

Are there toilets?

Are there different activities for children and adults?

Is there somewhere to get food and drink?

Is there somewhere to have a picnic?

You could use some of these questions as your sub-headings.

Remember to make it interesting to look at and to advertise the park you have chosen to make sure people want to visit.



Grammar

Learn:

Homophones are words that sound the same but have different meanings. They also have different spellings like here and hear or see and sea.

Watch (A video to remind you about Homophones):

<https://www.bbc.co.uk/bitesize/articles/zm9dqp3>

Do:

IXL N11 N12 N13 N14 N15

Science/Topic

Over the next few weeks we will be looking at the natural world in terms of extreme weather, earthquakes and volcanoes.

This week we will focus on volcanoes.

Read and Watch:

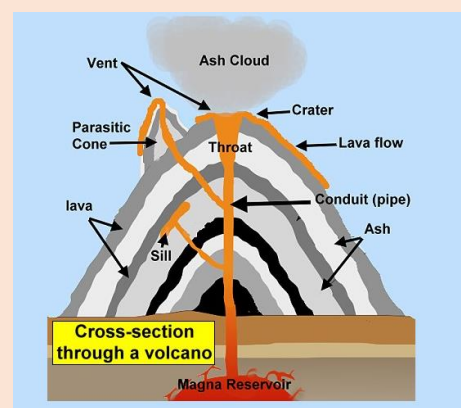
<https://www.natgeokids.com/uk/discover/geography/physical-geography/volcano-facts/>

Some notes:

- A volcano is a landform where molten rock erupts through the surface of a planet.
- In simple terms, a volcano is a mountain that opens downwards to a pool of molten rock below the surface of the earth.
- The name "volcano" has its origin from the name of **Vulcan**, a god of fire in Roman mythology.

Volcanoes form when...

- The Earth's plates pull apart
- These plates are huge rocks that float on the mantle (a layer of earth that is liquid-rock)
- This causes magma to rise to the surface



- Volcanoes can be active, dormant or extinct.
- A volcano is active, or alive, when it erupts often.
- When a volcano is dormant, or sleeping, it has not

erupted for a long time - but it might in the future.

Use this information and any other information to create a short leaflet explaining volcanoes to young children. Use pictures and diagrams. Keep your explanations clear and simple.

You may need to explain what some of the words you are using mean:

Molten magma plates lava ash vent
Active dormant extinct

Creative Activities and PE

If you would like to, why not try one or more of the following activities:

Lambeth have created an excellent website with links to lots of creative websites and activities. You can filter by age group and category (eg art, dance, music, poetry etc).

<https://elevatelambeth.london/>

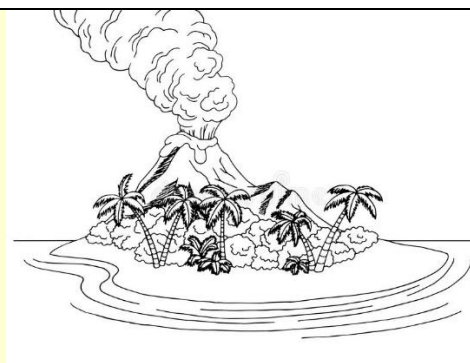
Drama

London Bubble Theatre Company have produced some fun drama games and activities that can be done in the home. Walnut Tree Walk children love to use their imagination so this could be a great resource. Either google 'London bubble speech bubble' or go to the following link:
<https://www.londonbubble.org.uk/wp-content/uploads/2018/12/Drama-games-pack.pdf>

Art

As we are looking at volcanoes in science this week you could draw a picture or create a collage of a volcano erupting. Here are some ideas:





CoolIt Art have some great free resources, activity ideas and lessons available here:

<https://www.coolitart.com/teaching-packs/>

Why don't you give one of them a try and send me a picture?

Music

Why not try and make some instruments using items that you would normally put in the recycling. You can watch this video for inspiration:

<https://www.youtube.com/watch?v=ck8HlhHPLfQ>

If you have borrowed an instrument from the school library, you should have received some music sheets to help you learn at home. If you need more, please contact Chris cbrown@wtwschool.co.uk

You could have a go at composing your own music. Go to the following link:

https://www.classicsforkids.com/games/compose_your_own_music.php

There are lots of great activities on the BBC Bring the Noise website for children of all ages:

<https://www.bbc.co.uk/teach/bring-the-noise>

Dance

Emanuela will be doing a weekly dance lesson for the children at Walnut Tree Walk. This video lesson can be accessed at any time. The link will be sent out when it is ready each week.

PE

Joe Wicks is providing free PE lessons live at 9am each day via his YouTube channel. This is a great way to start the day and is suitable for all ages. Either google 'Joe Wicks PE lesson' or go to the link below:

<https://www.thebodycoach.com/blog/pe-with-joe-1254.html>