

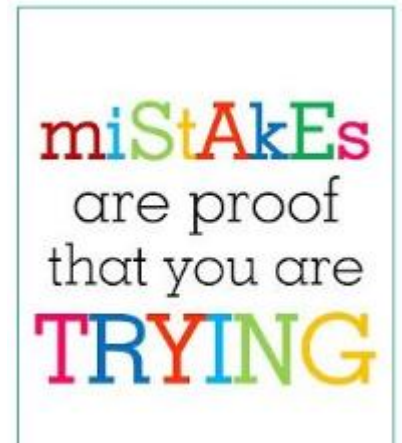
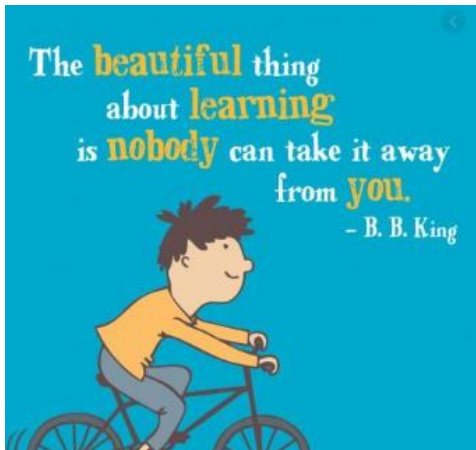


Year 5 Suggested Home Activities

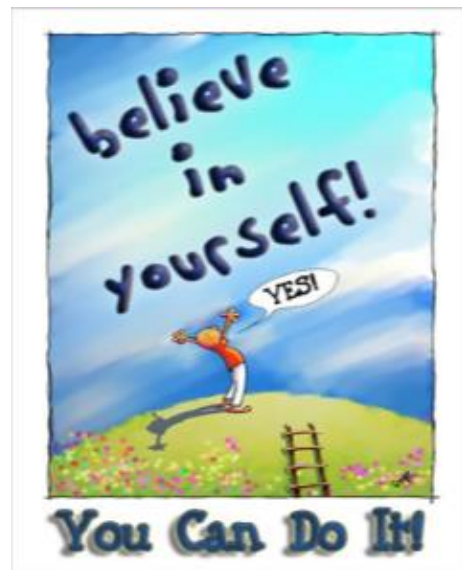


Week Beginning 15.6.2020

Another exciting and busy week of learning and working from home has passed. As always, a huge well done to you all for all your efforts so far and remember, not only are these 'suggested' activities; there is no right or wrong way to engage in learning at home. We appreciate that you will interpret and record the activities in your own interesting and exciting ways.



The MORE that you read,
the MORE things you will know.
The MORE that you learn,
the MORE places you'll go.



Maths

Times tables Rockstars (TTRs)

Keep up the good work on TTRs Year 5. Multiplication and division facts are the key to unlocking so many areas of maths (such as fractions) and the better your mental recall of them, the less time you have to spend thinking about them the less they will hold you back. Remember practising little and often is the key, more important than our ranking or score in the league table is actually the number of children in our year group who log on to play, the greater the number, the better.

Follow the link to use Times Table Rockstars: <https://play.ttrockstars.com/auth/school/student>. Please email your class teacher if you need your login details.

White Rose Maths Lessons

Last week the learning sequence was all about: adding and subtracting fractions and adding and subtracting mixed numbers. Well done if you managed to complete some or all of the lessons. Remember to let us know how you got on and what bits you found challenging. The five lessons in this week's sequence teach you how to: multiply unit and non-unit fractions by integers, multiply mixed numbers by integers, fractions of an amount and fractions as operators There is also the Friday maths challenge. Check out our top tips below to help you work.

When you click the link below please use **Summer Term WEEK 6 – Lesson 1 – Multiply unit and non-unit fractions by integers (you may have to scroll down the web page to find this)**. Year 5 link:

<https://whiterosemaths.com/homelearning/year-5/>

Please note, this link will take you to the videos introducing the Maths concept, the worksheets can be found on the Year 5 page on the school website <https://www.bridge.kent.sch.uk/pupils/classes/year-5>

Mr Perfect's and Miss Smith's Top Tips:

- A unit fraction is when the numerator is 1, a non-unit fraction is when the numerator is any number but 1.
- Remember 'repeated addition' is the same as 'multiplying', so for example $1/3 + 1/3 = 2/3$, $2 \times 1/3$ is $2/3$.
- $3 \times 1/5$ is the same as $1/5 \times 3$, remember we call this commutative.
- Sometimes drawing a bar model makes the problem more visible to see – it is ok to draw a picture.
- When multiplying a mixed number by an integer, remember to partition, multiply and combine back together. For example, $2 \frac{1}{3} \times 4$, partition $2 \frac{2}{3}$ (I have 2 and I have $1/3$), first multiply 2 by 4 = 8, then next multiply $1/3$ by 4 = $4/3$ or $1 \frac{1}{3}$. Now combine together your answers, $8 + 1 \frac{1}{3} = 9 \frac{1}{3}$.
- To find a fraction of an amount, divide your total by how many parts you have (denominator). Eg $2/3$ of 24, 24 is the total, divided by 3 (denominator) $24 \div 3 = 8$, because the numerator is 2 we now multiply 8 by 2 which is 16. So $2/3$ of 24 is 16.

Fun Maths Challenges

This week we would like you to visit nrich (<https://nrich.maths.org/9084>). Nrich is full of lots of open ended problem solving and reasoning problems. Have a look at the topics and choose something that interests or will challenge you.

We recommend:

Tricky Track - <https://nrich.maths.org/2150> and Orange Drink - <https://nrich.maths.org/2420>

Tricky Track

Age 7 to 11 ★

You need twelve counters and two ordinary 1-6 dice for this activity.

Draw out a board like this (you may find that squared paper is useful!):

Or, you can print it off here: [pdf](#).

1									
2									
3									
4									
5									
6									
7									
8									
9									

Orange Drink

Age 7 to 11 ★★

This is a 750 ml bottle of concentrated orange squash.



It is enough to make fifteen 250 ml glasses of diluted orange drink.



How much water is needed to make 10 litres of this drink?

Can you complete one challenge a day?

English

Individual Reading

It has been great to hear over the weeks, just how many of you are reading daily. Do you have a favourite series of books? Is there a book you just can't put down? Would you recommend it to a friend? Why not complete a book review (template below) and email it to us to put on next week's newsletter?

You are still able to find a range of books on website Myon (<https://readon.myon.co.uk/index.html>). Please continue to use our Accelerated Reading website at home (<https://ukhosted14.renlearn.co.uk/6698607/>) to take quizzes and also to search for books within your ZPD range. Remember to login, you need to use your first initial, followed by the first four letters of your surname eg John Smith – jsmit, your password is abc.

Book Review



Name of reviewer: _____ Date: _____

Title: _____

Author: _____

Illustrator: _____

(Circle) Fiction Non- Fiction

My rating (colour in how many stars you would give it):



Describe the main character/s and their personality:

The Setting:

My favourite part:

What happened in the story?

This story could be better if..

This book is like another book.. (describe any similarities)

This book is different to other books.. (describe any differences)

This book relates to me and my life because..

Overall you should read this story because..

What is a hyphen and when is it used?



f	s	g	h	t	y	s	h	o	r	h	t
t	h	l	i	t	t	l	e	u	s	e	d
e	o	r	e	w	d	d	g	t	y	w	c
g	r	e	e	n	e	y	e	d	o	i	o
s	t	o	n	e	f	a	c	e	d	d	l
m	t	i	g	h	t	f	i	s	t	e	d
p	e	h	j	k	u	e	f	g	t	e	h
f	m	a	n	e	a	t	i	n	g	y	e
i	p	i	g	h	e	a	d	e	d	e	a
s	e	o	c	k	l	i	e	f	r	d	r
g	r	o	c	k	b	o	t	t	o	m	t
h	e	o	s	h	l	t	e	n	p	e	e
r	d	f	a	c	e	h	t	y	t	r	d

Using Hyphens

A hyphen is a dash (-) used to join together two related words. The resulting 'hyphenated' word is known as a **compound**.

For example:

brother-in-law
High-voltage
Self-important

Common hyphenated words include those starting with:

Co- non- low- head- neo-

In this word search there are 10 compound adjectives that use hyphens. How many can you find?

Can you make your own word search?

Spelling

It is really important to try and keep practising your spellings each week. This week will focus on words which use hyphens. We recommend 15 minutes of spelling per day.

Follow the link to find Spelling Shed: (<https://www.spellingshed.com/en-gb>). Please email your class teacher if you need your login details. The list of common exception words that the children should be able to spell at the end of the year are on the parents section of the school website (<https://bridge.kent.sch.uk/parents/supporting-learning-at-home/spellings>).

Writing Task

Your English task this week is based around creating an information leaflet about Mayan Culture (Linked to History). Try and spend 40minutes on each task below, we recommend doing one task per day.

Task 1: Research

Mayan Culture – begin by doing some research. Remember if you are using the internet, adding ‘for kids’ on the end of your search should take you to child friendly, and easier to understand, websites. You can use the questions below to get you started:

- What is Mayan Culture?
- Who and where?
- How did they live?
- How was society structured?
- What did they believe? What did they achieve?
- What happened to them?

As you are researching, make sure you are jotting down the key facts you would like to use in your leaflet, remember to use the questions above to help you but you can also add in your own extra facts and pictures too. It is really important that you do not copy words that you don't understand, if you come across a word you are not sure of, ask an adult or look it up in a dictionary. Try and rewrite sentences in your own words, you will understand it better and it will make so much more sense to you.

Here are some good websites you may want to use for your research:

<https://www.bbc.co.uk/bitesize/topics/zq6svcw>

https://www.hamilton-trust.org.uk/topics/upper-key-stage-2-topics/maya/?gclid=EAlaIQobChMIqdXy6JP06QIVTO7tCh0sMAGlEAAAYASAAEgJjFPD_BwE

<https://mayaarchaeologist.co.uk/teachers/teacher-resources/maya-lesson-plans-ks2/>

<https://www.theschoolrun.com/homework-help/the-maya>

Task 2: Features of a leaflet and design

You may need to finish your research, so this task is quite short. Have you got any leaflets around your house? Why do companies make leaflets? Are they useful? What do leaflets have in common? Although many leaflets are aimed to persuade people to visit somewhere, some leaflets are information leaflets which tell you detailed facts about somewhere or something. We would like you to create an **information leaflet**.

If you are going to design your own leaflet you need to know what to include. Look at the leaflet example below, or use your own if you have it, what can you see? Annotate it with the features that you find, you can use the checklist below to help you.

Bedrock and History



Explore 280 million years of history. Walk the cliffs made from ancient dunes and river deposits in the Permian and Triassic geological eras. Follow the tracks made by the first land reptiles and possibly the earliest dinosaurs.



This rocky coast was once an island and was one of the heartlands of the Pictish people.

The Laich of Moray project links our rich history to the changing geography of the area. See evidence of Vikings, Macbeth, battles, mediaeval palaces, the Highland Clearances and new fishing communities, and the second World War.



The Laich Coast lies in the heart of the Moray Firth microclimate, famous for dry and sunny weather. This is an excellent location to view the aurora borealis with dark sky to the north.

How to get to the Laich Coast



Places to stay and places to eat



Visit the Moray Speyside Tourism website www.morayspeyside.com for information on Where to Stay, What to See and Do and What's On in Moray Speyside.



Laich Coast Tourism Group, <http://moraycoast.org/> and on Facebook. Visit our website for schedule of events.

Photographs courtesy of Kim Grant and Joan Magnus.
Text by Joan Magnus - joanmagnus@hotmail
Moray Coast logo by Mel Modems Design London - melmodems.com
Design by johnnyon@italialink.net - Tel: 077021 14984



Visit the Laich Coast of Moray




Visit one of the top twenty coastlines in the world and explore the scenery that makes it so special. There are wild and empty beaches, smaller child-friendly beaches, cliffs and forests. Watch dolphins and rare birds from the shore. Explore the coast's uniquely welcoming communities, rich in history and heritage.



Walk, cycle, drive, or take a boat between Findhorn, Burghead, Hopeman and Lossiemouth. Try surfing or rock climbing, play golf by the sea and visit a Pictish ruin. Visit local whisky distilleries and try wonderful local food and drink. We are a year round destination with year round events and festivals.

Visitor Attractions



- Findhorn Heritage Centre and Icehouse.** The fascinating story of Findhorn is told in the Heritage Centre from prehistoric times to the present. www.findhorn-heritage.co.uk
- The Findhorn Foundation** is a world famous Eco village and spiritual centre. www.findhorn.org
- North58° Sea Adventures** offer wild and scenic tours of the Moray Firth coastline by boat. www.north58.co.uk
- The Moray Art Centre has year-round exhibitions and events in an ecologically built centre. www.morayartcentre.org
- Morayvia**, in Kinloss, a community-led science and technology visitor centre project including interactive aviation and astronomy exhibits. www.morayvia.org.uk

- Kinloss Abbey**, now in ruins, was once one of the finest and wealthiest of all of Scotland's abbeys. www.morayconnections.com/kinloss-abbey/
- Burghead Visitor Centre** is on the top of the headland, on the Pictish fort. There are great views and exhibits on history. www.burghead.com
- Covesea Lighthouse** is now a community owned visitor attraction. In summer 2015 it will include a RNAS and RAF interpretation centre. covesealighthouse.co.uk
- Spynie Palace** was for five centuries the seat of the Bishops of Moray on the shores of Loch Spynie. This was once a sea loch and a safe anchorage. <http://tinyurl.com/SpyniePalace>
- Duffus Castle** is one of the finest examples of a motte and bailey castle in Scotland, and an ancient stronghold on the shores of Loch Spynie - now farmland. <http://tinyurl.com/DuffusCastle>
- Lossiemouth Fisheries and Community Museum** is on the harbourside. The exhibits include fishing history and Ramsay MacDonald, who was born in Lossiemouth. www.lossiemuseum.co.uk

Coast and Communities

- The Moray Coastal Trail links the communities of Findhorn, Burghead, Hopeman and Lossiemouth. All have cafes and accommodation. All have fascinating and distinct histories. The walk from Findhorn to Burghead is along a seven mile beach or on footpaths through the forest. You may see red squirrels and crested tits.
- The largest Pictish fort in Britain is at Burghead, and this coast was a place of Pictish wealth and power.
- The path from Burghead to Hopeman is along an old railway line and perfect for cycling and for families with young children. Hopeman has glorious child-friendly beaches, beach huts, golf and an ice cream parlour.
- The Coastal Path between Hopeman and Covesea follows cliff tops. There are caves and stacks at the foot of the cliffs.
- Lossiemouth is known as the Jewel of Moray. There are two stunning beaches plus hotels, cafes, and a harbour.

Leaflet Checklist

- Title
- Map – location – Where is it?
- Sub Headings
- Big bold writing to draw you in
- Photos/Pictures
- Dates of events that happened
- Bullet points
- Often folded
- Contact information to find out more
- Bright and colourful
- Fact boxes

Now you need to decide what your leaflet is going to look like. Draw a few designs until you are happy, remember a leaflet is normally folded, how will you fold yours? How inventive with your paper fold can you be?

Task 3: Draft

Your task today is to start a draft of your leaflet. You may not have room for all your facts, you may not have enough facts, it is ok to go back to Task 1 and do some more research. Think about the organisation of your leaflet. You could use the questions in Task 1 as your subheadings (remember sub-headings are normally bold or underlined), and then write your facts underneath. You may have a 'bonus facts' box or 'extra information'. This is a draft, so you may change the design as you go if you need to, refer back to the checklist to make sure you include everything.

Task 4: Edit and improve - Use a green pen to go through your work in steps:

Feature station – Look back at the features that we identified in Task 2 (checklist), have you got an example(s) of each feature? If not, could you add them in?

Punctuation station – Check through your work for full stops (end of sentences and proper nouns), capital letters (start of sentences and proper nouns), commas, explanation marks, paragraphs, question marks, speech marks (inverted commas) in the correct place. ***Extra challenge – rhetorical question and quotation marks***

Dictionary check – Can you identify a few words that have been spelt incorrectly, you could ask an adult to help you find them. Use your dictionary skills to correct these – how quickly can you find the word?

Thesaurus check – Have a look through your work and see if you can find any words you could improve. Can you find a more ambitious word using a thesaurus (remember to check that it makes sense and is in the right context)?

Task 5: Final Copy

Write up your final copy adding in your pictures and facts. If you have made changes in a green pen make sure you add these in. Make your leaflet bright and colourful.

What have you learned about Maya Culture? Share your leaflet with a family member and see if you can teach them.

Don't forget to email a copy to Mr Perfect or Miss Smith.

Oak National Academy

Hopefully you have had a chance to explore this great website, remember new daily lessons are released so it is well worth visiting often to see what there is on offer. Follow this link to take a look:

<https://www.thenational.academy/online-classroom/year-5#subjects>

There are some great Maths and English activities on here:

- <https://classroom.thenational.academy/lessons/story-reading-comprehension-to-make-comparisons-within-and-across-books> Follow this sequence of lessons to put your comprehension and SPAG skills to the test.
- <https://classroom.thenational.academy/lessons/decimals-to-represent-decimals> This sequence of lessons will explore working with decimals, adding/subtracting and multiplying/dividing decimals by 10, 100 and 1000.

Another lesson we recommend you look at this week is:

- <https://classroom.thenational.academy/activity-clubs/scouts/> Be a scout for a week and complete various activities in and around the house.



Project Time – Electricity

In Year 5 our summer term Science would have been Electricity, so we thought this could be a focus for you for the next few weeks. We will set a theme to investigate each week – you can represent your findings in any way you like (PowerPoint, leaflet, poster, writing, drawings). You can use the links below to help you:

- <https://www.bbc.co.uk/bitesize/topics/zj44jxs>
- <https://classroom.thenational.academy/lessons/what-is-static-electricity>
- <https://www.coolkidfacts.com/static-electricity-for-kids/>

Week 1 –

- Find out about conductors and insulators, what are they? Why are they used? Can you name some conductors and insulators?
- What is static electricity? Why and when is it used? Is static electricity the only other type of electricity? How does static charge occur?



Something different...Go to Mars!



Have you ever wondered what it is like on Mars?

Access Mars lets you explore a 3D replica of the Martian surface, exactly as it was recorded by the Curiosity rover.

Follow this link to take a trip to Mars:

<https://accessmars.withgoogle.com/>

You could put yourself in the shoes of an astronaut for the day, write a diary entry about your journey to Mars, or send a postcard home describing what you see and how you are feeling.

Art

Mrs Smith and Mrs Allen have set a new Art challenge. In this project, you will sketch and paint an Iguana (or other reptile). You will consider your use of colour and experiment with mixed-media techniques to describe the texture and patterns of its skin.

Draw and paint an Iguana

(or reptile of your choice).

In this project, you will sketch and paint an Iguana (or other reptile). You will consider your use of colour and experiment with mixed-media techniques to describe the texture and patterns of its skin.



Please email a photo of your work to Mrs. Smith
caroline.smith@bridge.kent.sch.uk

Music



Mr Miles has set a new music challenge – An around the world music quiz. Please keep your eye on the school website for more information.

For more information, on both challenges, please visit the school website -

<https://bridge.kent.sch.uk/school-life/coronavirus-covid-19/pupil-work>.

Collective Worship

Rev.Estella has kindly put together a short video which links to our school value of Trust. We would encourage the children to watch the video and spend some time reflecting on it. The video can be found by following this link: https://youtu.be/_0iWhg-sQGc



Physical and Emotional Wellbeing

Exercise

In school at 9am, and I'm sure in many of your households, we have been taking part in the Joe Wicks daily workout. <https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>. If you have been doing something different we would love to hear about it and how it's been going. It has been great to hear the variety of ways you have been keeping fit, cycling, running, horse riding, dancing and so much more. The weather has been so good to us so make sure you continue to enjoy the outdoors.

Reflect

This heart friend's activity is great for social distancing and of course friendship.

Children can make their own and write qualities of friendship on each person. They could write their name on one and their friend's name on the other. Of course they can decorate and put facial features on.

For more information and to download the template, click here: <https://www.elsa-support.co.uk/heart-friends/>



Once again, the Year 5 staff would like to thank and congratulate you all for your amazing work that you have been producing and sharing with us. As always, if you have any questions for us regarding the home learning please send us an email and we will get back to you as soon as possible. It's inspiring to see how successfully you have all adapted to the change in your daily routines, as strange as it may feel. Stay safe

The Year 5 Team

Contact Details

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Please do not hesitate to get in contact if you have any questions relating to the activities that have been set, we will aim to respond to any questions or queries you have within 24 hours.