



Year 6 Suggested Home Activities



Week Beginning 15.6.2020

Maths

Times Tables Rockstars

Keep up the great work on here – we can see that more of you are logging on and hopefully you are noticing an improvement in your personal recall speed. Here is our ‘heat map’ for our recall time (as a class) on the different multiplication facts since last week. Notice – we recommend that you allow a maximum of 20 minutes a day



White Rose Maths Lessons – Fractions, Decimals and Percentages

Summer Term Week 6 (01.06.20) on White Rose will introduce fractions, decimals and percentages. You can find the link to the suggested daily lessons here: <https://whiterosemaths.com/homelearning/year-6/>

Mr Beard and Mrs Allen’s Top Tips

- Remember - that ‘percent’ means ‘out of 100’.
- Try to convert fractions to equivalent fractions where the denominator is 100 in order to find the percentage equivalent.
- A common misconception is that 0.1 is the same as 1%. Remember 0.1 is one tenth, therefore it is the same as 10%. Use the place value grid to help.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths	Hundred Thousandths	Millionths
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- When comparing or ordering, convert them in to the same thing. When you have ordered them, return them back to the original listing.
- Link the percentages to fractions when finding percentages of an amount to help you. E.g. 25% = $\frac{1}{4}$
Or 50% = $\frac{1}{2}$

Optional tasks:

Below are also some extra activities you can complete if you wish. Please feel free to contact us if there are any areas you would like a Maths challenge based around. If so, we will try our best to include them next week.

Activity 1 – Investigation

The Puzzler

In a magic square the sum of each column, row and diagonal is the same – this is the magic number (or percent).



Complete the magic square.

What is the magic percent?

Make up a magic percent square of your own.

	10%	
70%		
		40%

Activity 2 – Puzzle pack

MATHS PUZZLE BOOK VOLUME SIX

= for keen puzzlers aged 9 to 105! =

Here is the sixth volume of challenges were created and adapted by Douglas Buchanan. The link to Volume 6 is below:

<https://dcbeagle.com/Maths%20Puzzle%20book%20Volume%206.pdf>

Activity 3 – Percentage grid

The Puzzler

This is a 3×3 magic square.

Complete the magic square using only prime numbers.

The sum of each column, row and diagonal is 111 – this is the magic number.

	37	

Activity 4 – Investigation

Let's Investigate

Arrange nine dominoes so that the sum of the dots is the same in each horizontal and vertical continuous line.



How many different arrangements can you find?

English

Creative Writing – Persuasive Speech

Session 1 – Persuasive Techniques

Here is the mnemonic for remembering a range of effective persuasive techniques:

A – Alliteration

F – Facts

O – Opinion

R – Rhetorical Question

E – Emotive Language

S – Statistics

T – Three (Power Of)



Task: See if you can write a sentence for each of the above about a subject of your choice, such as ‘Should pupils have to wear school uniform?’

Here are some examples:

A – Uniform is a smart, simple way of showing which school a pupil attends.

F – It is a known fact that many parents pass down school uniform to younger members of their family or friends.

O – It is my opinion that pupils concentrate better if they haven’t got to worry about wearing their own clothes to school.

R – Would you want the pressure of deciding which new outfit to wear every morning?

E – It is imperative that pupils should wear uniform, especially on school trips to busy locations, in order to easily identify which group they belong to.

S – A recent study showed that 7 out of 10 children believed that wearing school uniform helps them to fit in at school.

T – Uniform allows children to take school more seriously, reduces teasing and is potentially cheaper for parents.

Session 2 – Applying Persuasive Techniques

Watch the following speeches and listen for use of persuasive techniques:

https://www.youtube.com/watch?v=loRSGjUpn_k

In Duncan Harrison’s ‘Education’ speech, listen out for use of repetition, rhetorical questions, power of 3 and emotive language.

<https://www.youtube.com/watch?v=vP4iY1TtS3s>

In Martin Luther King’s ‘I Have A Dream’ speech, he uses repetition by repeating the following sentence stems to capture the attention of the reader: One hundred years later..., Now is the time..., We must..., We can never be satisfied..., Go back to..., I have a dream...

Task: Have a go at using repeated sentence stems in a paragraph about the following subject: ‘Friends Matter’.

Examples:

Friends matter because.... Without friends... Friendship is...

Friends are important because.... Imagine a world...

Session 3 – Research

Choose a topic for your persuasive speech and research facts and statistics you could include. Find three key points which will persuade your listener to agree with you and find evidence or give explanations to back these points up.

You could use the following template to help you structure your ideas.

PERSUASIVE SPEECH PLANNING SHEET		
TOPIC/THEME	POINT	Evidence/Explain
		Evidence/Explain
		Evidence/Explain
		Evidence/Explain
	POINT	Evidence/Explain
		Evidence/Explain
		Evidence/Explain
	POINT	Evidence/Explain
		Evidence/Explain
Evidence/Explain		

Some topic ideas:

- Children's Rights
- The modern world is causing global warming to speed up
- The voting age should be lowered
- Animals should not be kept in zoos
- All school pupils should walk to school
- Fast food should be made more expensive

Session 4 – Writing a Persuasive Speech

Use your research and planning from yesterday to write your persuasive speech. Try to include as many parts of the success criteria below as you write:

- ✓ Facts on the topic backed up by statistics to support your argument
- ✓ Add your own opinions using emotive language to tug at your listener's heartstrings
- ✓ Use the power of three using alliteration where possible to make your statements memorable
- ✓ Include repetitive sentence stems where appropriate to make your ideas stand out
- ✓ Make sure your closing is strong as it is your last opportunity to convince your reader

Session 5 – Editing and Delivering a Persuasive Speech

Read your speech back and number or highlight the different persuasive techniques you have used. Check it carefully for accurate spelling and punctuation. If you can, perform your speech to family members at home. Keep in mind the following tips as you read your speech:

- Make eye contact with your audience and use your voice, body language and facial expressions to help put your points across
- Stand up straight with your head up and shoulders back to show confidence
- Use your tone of voice to show that you care about the topic you are speaking about

Reading

Here is the link to a range of books accessible from home: <https://readon.myon.co.uk/index.html>. Don't forget to complete the associated Accelerated Reader quiz once you have completed a book.

Looking for a new author? Take a look at this website which offers other book recommendations based on the works of previous authors that you have enjoyed: <https://www.booksfortopics.com/branching-out>

Spell Shed

Next week's words - **Challenge Words List 10: attached, community, desperate, excellent, hindrance, mischievous, physical, restaurant, sufficient, yacht**

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

Take care everybody and keep safe,

The Year 6 Team

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