

# William Murdoch Primary School Home Learning Resource Week 4

## Year 6

### Weekly Maths Tasks

#### Day 1:

This task needs your KS2 Maths Revision Book. Section Four deals with Ratio, Proportion & Algebra. Read through pages 50 to 59; this covers the ratio and proportion, percentages, formulas and missing numbers. Then have a go at the questions from page 60 to 61. Then get an adult (if possible) to mark them (answers in the back!). Check how you have done and see where you need to do a bit more revision.

Play [Hit the Button](#) - focus on times tables, division facts and squared numbers.

#### Day 2:

Have a go at the questions for week beginning 27<sup>th</sup> April. Watch the video first as it explains the problem and solution very well.

<https://whiterosemaths.com/homelearning/year-6/>

#### Day 3:

Chocolate Cake!



- 200g dark chocolate
- 200g butter
- 1 coffee granules
- 85g self-raising flour
- 85g plain flour
- ¼ tsp bicarbonate of soda
- 200g sugar
- 200g golden caster sugar
- 25g cocoa powder
- 3 medium eggs
- 75ml buttermilk
- 50g grated chocolate
- 200g dark chocolate
- 300ml double cream
- 2 tbsp golden caster sugar

Above is the recipe for a classic chocolate cake. Your task is to be able to use ratio and proportion skills to amend the ingredients so that they are changed for a bigger or smaller cake. The amounts shown above are for 14 slices of cake. Your task is to be able to amend the amounts for the following 4 new cakes consisting of :

### Weekly Reading Task

#### Day 1:

This task needs your KS2 English Revision Book. Section Two deals with Word Types. Read through from pages 20 to 26. These pages deal with, nouns, verbs, adjectives, adverbs, prepositions, pronouns and determiners. Have a go at the questions from pages 27 to 29. Then get an adult (if possible) to mark them (answers in the back!). Check how you have done and see where you need a bit more revision.

#### Day 2:

There are stories for you to read from [Amazon](#). The stories are free - you just need an Amazon account.

This week we suggest the children's classic 'Alice's Adventures in Wonderland' by Lewis Carroll.

On a drowsy afternoon by a riverbank, a young and distracted Alice follows a rabbit into a fantastical underground world that grows curiouser and curiouser. Dared, insulted, amused, and threatened by a succession of anthropomorphic creatures, the indomitable Alice falls deeper into a swirl of the imagination where logic has no place.

#### Day 3:

Complete a book review on one of the books you have read. Write it up in your homework book.

#### Day 4:

Watch [Newsround](#) and find out what is happening in the world. What did you find out? Is there anything you need help understanding?

#### Day 5:

- 7 slices
- 28 slices
- 21 slices
- 70 slices

Extension:

Nutrition: Per serving							
kcal	fat	saturates	carbs	sugars	fibre	protein	salt
541	35g	20g	55g	40g	2g	6g	0.51g

The table above shows the nutritional value per slice of cake.

Work out the amount for the total cake of 14 slices. Then work out the amounts for the 4 new cakes.

Day 4:

Daily [arithmetic](#) for different areas of maths. You should aim to work on level 4, 5 and 6 activities. Select ordering and partitioning.

Day 5:

On My Maths, complete tasks Mixed Assessments 1 – 8; news tasks for this week are Lowest Common Multiple and Introduction to Long Division.

Design an alternative front cover for one of your favourite books. Be creative!

## Weekly Phonics/Spellings Task

Day 1:

Practise spellings on [Spelling Frame](#) . Go to Section 46, 47 and 48 and try out the tests.

Day 2:

Test 10 H	Silent psy, pn, mn, wr, gn	Test 11 H	Useful words list	Test 12 H	Useful words list
1	psychology	1	guarantee	1	prejudice
2	psychic	2	amateur	2	restaurant
3	psychiatrist	3	recognition	3	controversial
4	pneumonia	4	explanation	4	parliament
5	pneumatic	5	disastrous	5	environment
6	mnemonic	6	persuasion	6	conscience
7	typewritten	7	rhythm	7	mischievous
8	wretched	8	achievement	8	occurrence
9	designed	9	commitment	9	convenience
10	foreign	10	attachment	10	yacht

Practise the spellings using 'look, write, cover, check'

Day 3

Create a vocabulary bank to describe a setting or a problem. For example, 'mind-boggling', 'puzzling',

## Weekly Writing Task

Day 1:

You should have an activity booklet (front title 'Spring-Themed Maths Activity Booklet'); the 2<sup>nd</sup> part of the booklet has different English activities. Creative Task 3: Classroom Conundrum. 'Conundrum' means a confusing or difficult problem or question. Write a story about a day from school when you had to solve a conundrum!

- Your setting is school; but which lesson? Maths? Science? Or you could choose a different lesson
- Think about the type of problem. Is it a something that has been set by a teacher, or by one of the children?
- Is the problem something that has an immediate solution e.g. a maths question, or a longer solution e.g. a riddle of how to do something
- Think about your audience. You need to be exciting and explain why solving the problem is important to the central character. Is it a class competition? Is

'illogical'. This word bank will help you with the writing task this week.

Day 4:

[Common Exception Words](#). Click the link and navigate to page 23 - Year 5/ 6 Common Exception Words . Then choose 5 Common Exception words. Once you have chosen your words, write the definition of each word before writing the word within a sentence. You can also find a synonym and antonym for each word.

Day 5:

This task needs your KS2 English Revision Book. Section Six deals with Spellings. Read through pages 59 to 64. These pages deal with homophones, silent and unstressed letters, and how to spell tricky words. Have a go at the practice questions from page 70 to page 72.

there a prize or is it pride? Remember to 'show not tell'

- Remember to check through your work. Check spelling. punctuation and grammar. Try to use a thesaurus (online) for improving your vocabulary.

Day 2:

Make notes on the following -

- The day the problem was set
- The characters involved
- A twist in the plot- was it a 'trick' question?
- How you overcame the problem
- How to leave your audience in suspense at times

Day 3:

Read through these PowerPoints [writing help](#) to guide you. There is also a [suspense-and-mystery-word-mat](#) that may help you.

Day 4:

Choose an interesting start to your story.

- Think about details like the time of day, the lesson, and the character of the teacher and the mood of the lesson.
- Why and how the problem came about
- Show the plot advance through the main character's eyes
- Ask questions 'What if I can't solve this? '
- Try to focus on why solving the problem is so important to the central character
- Think of what happens once the problem is solved and presented back to the class. Have other children solved it as well? What impact does it have?

Day 4:

Read through your writing from yesterday. Check your work for spelling and grammatical errors. Up-level your work by including multi-clause sentences, synonyms and descriptive techniques.

Day 5:

Re-draft your writing correcting any errors identified from yesterday. Remember, your handwriting should be neat and joined up. Once

you have completed your final draft, ask an adult to read your work with you.

## Learning Project- to be completed throughout the week: World War 2

This project should be completed throughout the week. It will incorporate a range of different subjects and topics. The focus this week is World War II. It aims to explore the different aspects of WWII including the Blitz, the Blackout, and the role of the ARP wardens.

**The Blitz** – The blitz was the heavy and continuous bombing campaign by the German Luftwaffe. Explore what the raids were like, and how many casualties there were as a result. You may wish to use subheadings to separate your information and including relevant pictures. Using the links below and your own wider research.

<http://www.primaryhomeworkhelp.co.uk/war/blitz.htm>

<https://www.britannica.com/event/the-Blitz>

**The Blackout** – The blackout was a direct response to the blitz, and it involved, as the name suggests and complete cover up of all forms of light. Research how they covered up sources of light in World War II, and its effect on people's lives. This link is a news article about life during the blackout.

<https://www.theguardian.com/lifeandstyle/2009/nov/01/blackout-britain-wartime>

**ARP Wardens** – Air Raid Precautions (ARP) were organised by the government. The aim was to protect civilians from the danger of air-raids. They were volunteers and known as Air Raid Precaution Wardens. Their main purpose of ARP Wardens was to patrol the streets during [blackout](#) and to ensure that no light was visible. Research what other duties they undertook. Think about the type of person that would make a good or bad ARP Warden.

<http://www.primaryhomeworkhelp.co.uk/war/wardens.htm>

## Additional learning resources parents may wish to use:

Twinkl - <https://www.twinkl.co.uk/>

To access these resources, click on the link and sign up using your own email address and creating your own password. Use the offer code UKTWINKLHELPS.

Top Marks- <https://www.topmarks.co.uk/>

This is a great website that is free to use and has a range of games for the different subject areas.

Learning games for kids- <https://www.learninggamesforkids.com/>

There are a range of games for different subjects. There are games that are particularly good for children to learn to type on a computer keyboard. This is also helpful for the children to recognise the capital letters.

50 educational YouTube channels:<https://www.teachingpacks.co.uk/>

There are a range of videos to extend your learning in many areas across different subjects. Why not take advantage of these free resources to help you discover more about a wide range of subjects and topics.

#### BBC iPlayer

There are daily episodes on BBC Bitesize that have videos on a range of subjects, mainly English and maths.

<https://www.bbc.co.uk/iplayer/episodes/p089g0cc/bitesize-911-year-olds>

#### First News:

[https://schools.firstnews.co.uk/wp-content/uploads/sites/3/2020/04/FIRSTNEWS\\_723.pdf](https://schools.firstnews.co.uk/wp-content/uploads/sites/3/2020/04/FIRSTNEWS_723.pdf)