



Year 5 Home Learning Pack Thursday 4th February & Friday 5th February

Name:

Date returned to school:



Year 5 and 6 Weekly Topic Mat



Our **RE** topic is *What matters most to Christians and Humanists?*

Our **Computing** topic is *Staying Safe Online*

Vocabulary	
Christianity	The religion based on Jesus Christ and his teachings
Humanism	A non-religious way of life
Atheist	Someone who does not believe in God
Agnostic	People who believe we don't or can't know if God exists
Internet Safety	The act of staying safe online

5 Finger Facts
Humanists don't believe in a God and look to science to understand the world.
Humanists believe we should use reason and empathy to decide how to behave.
Christians follow the ten commandments.
The Beatitudes are a set of teachings by Jesus which guide Christian's behaviours.
Fake news is false information spread purposely as news.

This week's activities

Monday R.E.

Humanism & their values

You will be learning about Humanism and then applying your learning in a quiz!

Tuesday R.E.

Christianity & their values

You will be learning about the Ten Commandments and Beatitudes and their meanings.

Wednesday R.E.

What Matters Most to Me

You will be identifying what matters most to you, then creating your own Code for Living that would help the world be a better place.

Thursday

Computing- Staying Safe Online

You will be watching a video about Safer Internet Day, doing a Purple Mash activity and writing about what you have learnt.

Friday

Computing -Staying Safe Online

You will be creating a poster about being safe online.

You will be using our R.E. learning about Humanism and Christians and their codes for living to then create your own code for living for the world to follow. This will be set on Purple Mash as a 2-Do. You will be using your Computing knowledge to create an information poster to showcase how you can stay safe online.



Year 5 Maths Weekly Maths Overview



The week year 5, we are going to be finding out all about square and cube numbers! We will also be recapping multiplying numbers by 10, 100 and 1000.

Complete the challenges per day and also have a go at the Classroom Secrets challenges I have set for you as well!

The objectives we are working on are:

- multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres

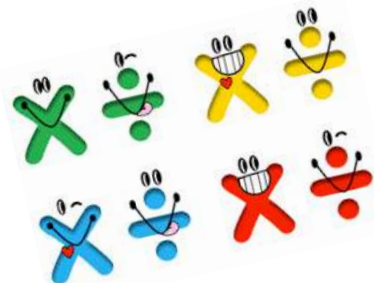
Monday - Dividing numbers by 10

Tuesday - Dividing numbers by 100

Wednesday - Dividing numbers by 10, 100 and 1000

Thursday - Multiples of 10, 100 and 1000.

Friday - Measuring perimeter





Year 5 Writing Overview

This week you are going to be writing a set of instructions, which will inform people how to follow one of the rules of living for either a Christian or a Humanist. This links to the topic work for the week.

Monday - SPAG focus for the week - Imperative form

The imperative form is used when writing a set of instructions. We know imperative verbs as bossy verbs, for example 'Eat your lunch!'

Tuesday - Gathering Content

Find out all about the rules Humanists and Christians follow.



Wednesday - Success Criteria

Read through the set of instructions. Can you highlight the key features?

Thursday - Plan your Instructions

Now you need to think about the rule you are going to write instructions about how to follow. Then you will complete the planning format.

Friday - Drafting your Instructions

It is time for you to write your instructions. Complete your task on Purple Mash and don't forget to include the imperative form.



Thursday

9-9.30 am start the day by waking up your brain with Reading Plus or Eggs



9.30 - 10.15 am Today's writing challenge.

I can plan a set of instructions of how to following a Christian or Humanist rule for living.

First of all - you need to work out which rule you would like to provide instructions for.

What ideas do you have for how to successfully follow the rule?

Which imperative form verbs are you going to use?

Which causal conjunctions will you use?

10.15-10.30 am Times Table Rockstars time!



10.30 - 10.45 am Have a brain break



10.45 - 10.55 am



Relax your mind with today's mindfulness colouring below.

There's

no

PLACE

like

HOME

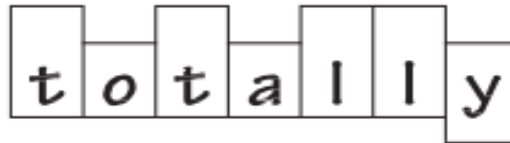
- L. Frank Baum

10.55 -11.10 am Spelling Practice!

Practise this week's spellings below using the strategy below

**Drawing around
the word to show
the shape**

Draw around the words making a clear distinction in size where there are ascenders and descenders. Look carefully at the shape of the word and the letters in each box. Now try to write the word making sure that you get the same shape.



membership ownership partnership dictatorship
championship craftsmanship fellowship apprentice
citizenship sponsorship

Multiples of 10, 100 and 1,000



1 Mo is multiplying numbers by 20

To multiply by 20, I multiply first by 2 and then by 10



a) Use Mo's method to complete the multiplication sentences.

$$7 \times 20 = \square$$

$$12 \times 20 = \square$$

$$20 \times 134 = \square$$

b) Would you get the same answer if you multiplied by 10 first and then by 2? _____

Write an example.

2 Complete the sentences.

a) To multiply by 50, you multiply by 5 first and then by

b) To multiply by 200, you multiply by first and then by

c) To multiply by 7,000 you multiply by first and then by

3 Complete the multiplication sentences.

Show all the steps in your thinking.

a) $7 \times 500 = \square$

b) $6,000 \times 8 = \square$

c) $300 \times 90 = \square$

d) $500 \times 300 = \square$

4 Complete the calculations.

a) $300 \times \square = 9,000$ d) $\square \times 90 = 27,000$

b) $6,000 \times \square = 18,000$ e) $500 \times 60 = \square$

c) $700 \times \square = 28,000$ f) $8,000 \times \square = 720,000$

5

$$42 \times 3 = 126$$

Use this fact to solve the calculations.

a) $42 \times 30 = \square$ c) $300 \times 42 = \square$

b) $420 \times 3 = \square$ d) $42 \times 3,000 = \square$



Thursday - Task 2 - Multiples of 10, 100 and 1000

6 Here are two methods to solve 16×50

<p>Method 1</p> $16 \times 10 \times 5$ $= 160 \times 5$ $= 800$	<p>Method 2</p> $16 \times 5 \times 10$ $= 80 \times 10$ $= 800$
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a) What is the same about the methods?
What is different?

b) What other method could you use to multiply by 50?
Show your method.

c) Share your method with a partner.

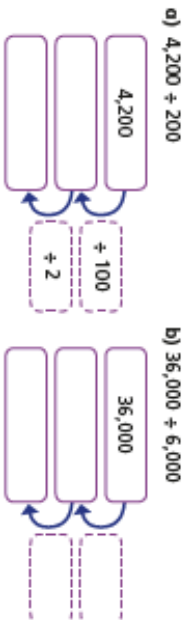
7 Jack and Mo are calculating $3,500 \div 70$

<p>Jack's workings</p> $3,500 \div 10 = 350$ $350 \times 7 = 2,450$	<p>Mo's workings</p> $3,500 \div 10 = 350$ $350 \div 7 = 50$
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a) Whose workings are correct? _____

b) What mistake has the other person made?

8 Complete the division diagrams.



Complete the division sentences.

c) $3,200 \div 80 = \square$ d) $72,000 \div 9,000 = \square$
 $3,200 \div 800 = \square$ $72,000 \div 900 = \square$
 $72,000 \div 90 = \square$

9 Match the calculations to the answers.
One has been done for you.

8×40	$3,200$
$3,200 \div 80$	320
4×800	40
$32,000 \div 40$	800

10 The answer is 400

What could the question be?

Write 4 division and 4 multiplication questions.

Ask a partner to check your questions.



12- 1 pm Take a break have some lunch



1.15pm Join your class for today's
ZOOM session!

1.45 - 2.15pm Purple Mash.



2.15 - 3pm Thursday Computing

Challenge 1

Watch the video below about Safer Internet Day.

<https://www.saferinternet.org.uk/safer-internet-day/safer-internet-day-2021/i-am-educator/safer-internet-day-2021-films>

Challenge 2

Have a go at the Purple Mash 2-Do I have set you named 'Internet Safety' where you have to sort behaviours into 'safe' and 'unsafe'.

Challenge 3

Write down three things you have learnt, two questions you have and one thing that you already knew about being safe online. Use the subheadings below to help you. Please remember to write in full sentences and have tidy presentation!

Three things I have learnt:

Two questions that I have:

One thing I already knew:

Friday

9-9.30 am start the day by waking up your brain with Reading Plus or Eggs



9.30 - 10.15 am Today's writing challenge.

Drafting your set of instructions



On Purple Mash, you have been set an instructions writing template. In the template, write a set of instructions for the rule you selected. Good luck year 5!

10.15-10.30 am Times Table Rockstars time!

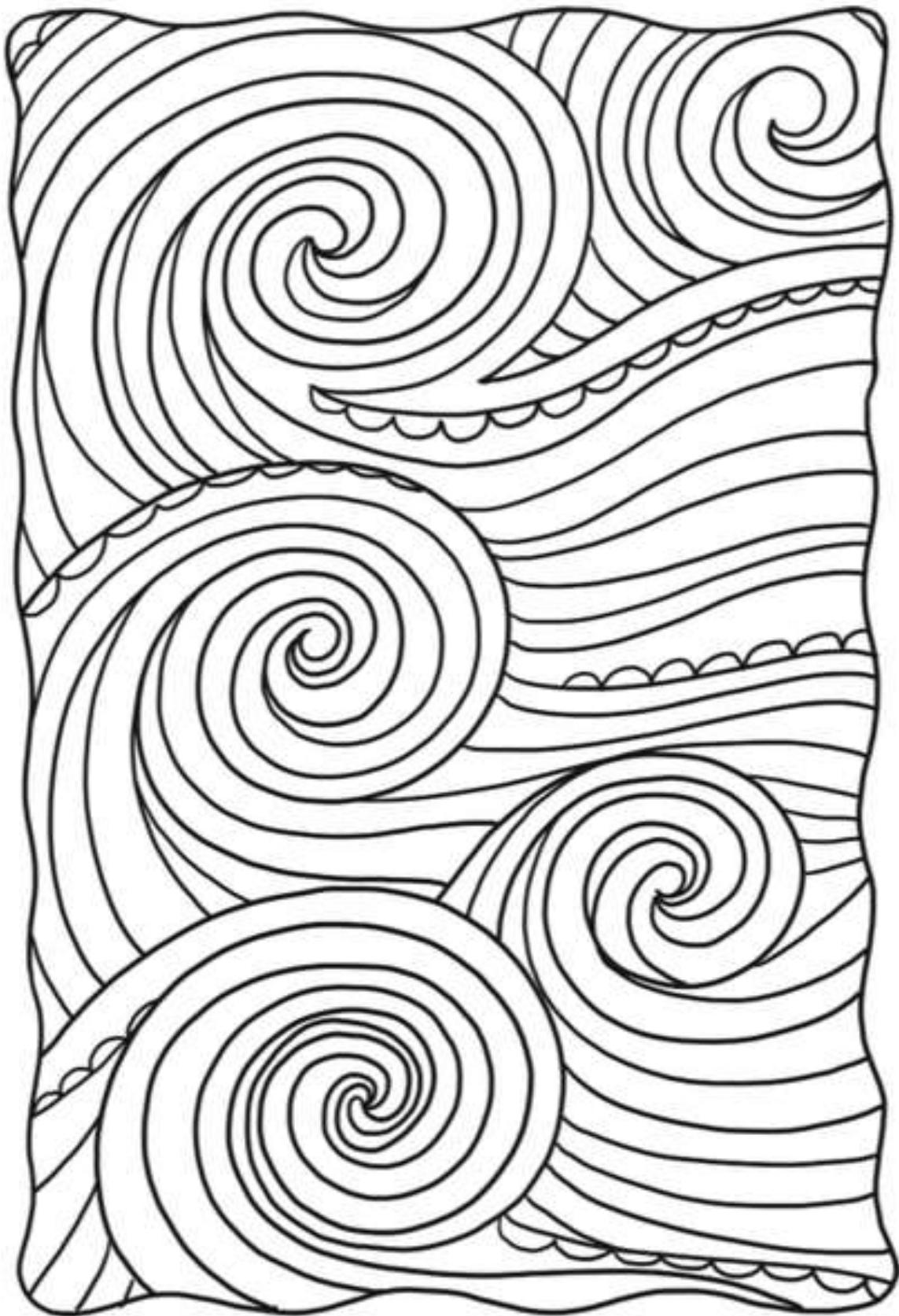


10.30 - 10.45 am Have a brain break.

10.45 - 10.55 am Relax your mind with today's mindfulness colouring on the next page...



Friday - mindfulness colouring



10.55 - 11.10 am Friday - Handwriting

d

d d d d

dt dt dt

de de de

di di di

da da da

nd nd nd

dog dog

dry dry

duck duck

don't don't

11.10 am - 12pm Friday Maths - Task 1 - watch the clip about measuring perimeter - <https://vimeo.com/477523195>

Measure perimeter



1 What is the length of each line?



c)





2 How long is the pencil?



3 Dexter is measuring the length of a line.

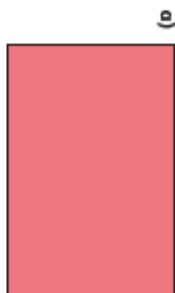


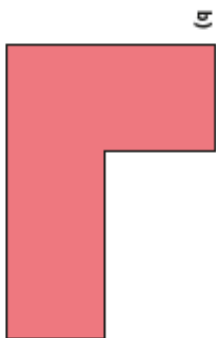
I think that the line is 2.6 cm long.



Do you agree with Dexter? _____
Explain why.

4 Measure the sides of the shape to work out the perimeter.



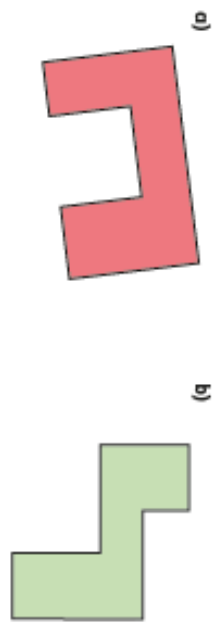


How many sides did you have to measure for each shape?



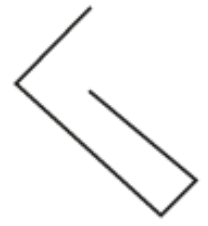
Friday - Task 2 - Measuring perimeter

5 By measuring, work out the perimeter of these shapes.



Two empty rectangular boxes for the perimeter measurements of shapes a) and b).

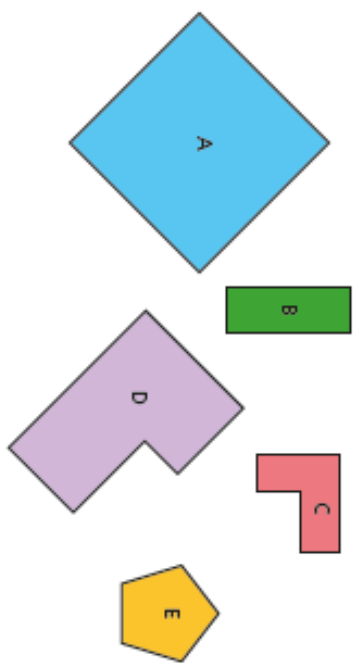
6 Complete the shape so that it has a perimeter of 15.6 cm.



7 Draw a quadrilateral and pentagon with a perimeter of 10 cm.



8 Sort the shapes into the correct categories.



	Regular	Irregular
Perimeter less than 10 cm		
Perimeter greater than 10 cm		



12- 1 pm Take a break have some lunch



1-2pm Friday Computing Challenge

Your challenge is to create a poster all about being safe online! You can do this either on paper, or on the Purple Mash 2-Do named 'eSafety Poster'. Please make sure you include as much information about being safe online as you can, and make it bright and colourful! If you are creating a paper poster, try challenge yourself even further by making it 3D!

2-3 pm End the week by getting active!

You could try one of the following...



Cosmic Kids Yoga

<https://www.youtube.com/user/CosmicKidsYoga>



PE with Joe Wicks

<https://www.youtube.com/watch?v=hozv0a23eKk>