



Y5 Curriculum Planning Document – W/C 4<sup>th</sup> May 2020

Mathematics

Please use the following White Rose resources which will focus on content that pupils would have experience in school during the Summer Term. This content that is covered links directly with our current mathematics scheme within school, Power Maths, just delivered in a different format.

Using this link - <https://whiterosemaths.com/homelearning/year-5/>- please access the 'Summer Term – Week 2' tab to access the 5 different lessons for this upcoming week

Lesson 1 - Rounding decimals

Lesson 2- Order and compare decimals

Lesson 3- Understand percentages

Lesson 4- Percentages as fractions and decimals.

Lesson 5- Equivalent FDP

There is a video for each lesson that children can watch prior to completing the downloadable activity. The independent activity and the answers are also located next to the video – please make sure that your child records their answers in their exercise book provided by school – **there is no need to print any resources!**

**We have also included some Challenge activities below for those wanting to stretch themselves with their maths.**

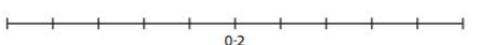
**3** a) Round 1.24 to the nearest whole number.



b) Round 1.24 to the nearest tenth.



c) A number rounds to 0.2 to the nearest tenth.  
What could the number have been?



I will also try using a place value grid to help with the rounding.

Rounding to the nearest tenth can be called 'rounding to one decimal place', because the rounded number will not have any hundredths.



**CHALLENGE**

**5** Order these numbers from greatest to least

a) 0.176, 1.760, 1.607, 6.701

Greatest \_\_\_\_\_ Least

b)  $\frac{1}{10}$ ,  $\frac{15}{100}$  and  $\frac{126}{1,000}$

Greatest \_\_\_\_\_ Least

Explain your method for part b).

\_\_\_\_\_  
\_\_\_\_\_

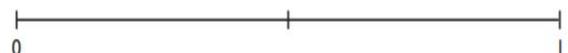
**6** How many different decimals can you create using these cards?



0.

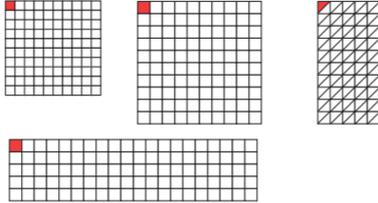
List the numbers then indicate their position on the number line.







- 3 a) Emma and Zac are discussing 1% and 100%. Do you agree with Emma or Zac?



These all show different percentages, because they are different shapes and sizes.



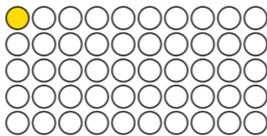
Emma

No, I think these all show the same percentage. Each percent looks different because each whole is a different shape or size.



Zac

- b) Max has drawn a diagram. He says it shows 1%. Do you agree?



- 6 Bella represented the number 2.12 using exactly 5 counters.

O	.	Tth	Hth
●●	●	●	●●



Using exactly 5 counters on a place value grid like this, make numbers less than and greater than Bella's number.

Less than 2.12	Greater than 2.12

How do you know you have found all possibilities?

\_\_\_\_\_

- 5 Each bar is 100 mm long.

- a) Shade 30%.



% is not shaded.

- b) Shade 25% one colour and 25% a second colour.



% is not shaded.  % is shaded.

- c) Shade in 11% one colour, 22% a second colour and 33% a third colour.

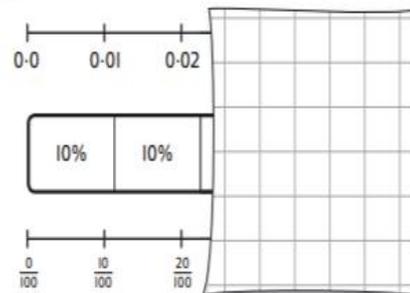


% is not shaded.

- d)  $5 \times \text{input} \% = 100\%$



- 7 Two number lines and a bar model all begin at 0 and end at 1. Part of the diagram has been covered with a piece of paper.



Which is longest? Which is shortest? Explain how you know using the words interval, tenths and hundredths.

\_\_\_\_\_



**6** a) Shade all the odd answers on this multiplication grid.

b) What percentage are odd? What percentage are even?

\_\_\_\_\_

\_\_\_\_\_

c) Explain why this is.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

**CHALLENGE**

### English (Reading, Writing and SPaG)

#### Talk for Writing Unit of Work (*The Game*)

This booklet is for the next two weeks for English. There are 10 activities in total, so 1 activity per day is sufficient enough.

Each booklet contains a story and activities which are linked to it. Activities include spelling, grammar and writing for different purposes. We think your children will really enjoy this as it allows them to be creative!

You **do not need to print** the booklet as the activities can be completed in their exercise books. Please find the booklet uploaded to our school website under our class headings.

Have fun!

Below we have included additional reading and SPAG activities which can be completed daily. It's up to you whether you want to complete these as well as the Talk for Writing Unit of Work.

### SPaG

We have included 5 SPaG questions enough for one a day.

9. Tick two boxes to show where brackets should be used in the sentence below.

Miss Fitzwilliam at least I think that's her name is going to be taking us for

Science next year.



10. The sentence below contains a **prefix** and a **suffix** error.  
**Underline the errors and write the corrections** in the box below.

Amir was trying to motivise himself to overdo his homework when he realised he had done it wrong.

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2. Circle the **adverbial of number** which links the sentences below to create cohesion.

My health has always been very good. Consequently, I have visited the doctors  
 in five years.

many times frequently only once

3. Add **parenthesis** to the sentence below.

Despite the excellent sailing conditions which were totally unexpected my dad's boat came last.

4. Read this sentence. What type of word is underlined? **Tick one.**

This is the book that I was telling you about.

possessive pronoun

relative pronoun



## Reading

### Monday: Explain

#### African Lion

We all know we shouldn't get too close to a lion – but if you're wandering around in big cat territory you'll never know just how near one might be. Most victims have no idea they're about to become a hungry pride's dinner until they're already being ripped apart.

Although it can reach speeds of up to 50 mph in short bursts, a lion actually has little stamina, so rather than charging or chasing down whichever animal it wants to kill, it will stalk it then ambush it, getting to as close as 10 m before suddenly pouncing. It mostly kills by simply holding on to the prey's muzzle until it suffocates, a technique which is clean and quick. And the same goes for humans, hundreds of which fall victim to the lion's superior hunting skills every year.

Why shouldn't we get too close to an African Lion?

Why do lions stalk their prey first rather than chasing after them straight away?

### Tuesday: Explain

#### Sloth Bear

For centuries the sloth bear has been persecuted by humans – shot by farmers because it damages crops, hunted for its gall bladder, which is used in medicine in Asia, and captured for a lifetime of cruelty as a circus performer.

And perhaps it is for these reasons that the shaggy – haired bear has developed an intense dislike for humankind. In fact, just the slightest whiff of a person is enough to send the normally docile bear into a murderous frenzy. Being mauled to death by any kind of bear is particularly horrible way to go, but the sloth bear has been known to use its teeth and incredibly long, sharp claws, to go straight for its victim's face, ripping it right off. It was this fate which befell 36 people in the Indian state of Mysore, when a single sloth bear went on a famous killing spree, leaving 12 dead and the rest horribly disfigured.

Explain why the sloth bear doesn't like humans. What different things have we done to sloth bears for them not to like us?

### Wednesday: Comprehension

Read aloud to a grown up for 20 minutes. Can they ask you questions about what you're reading to check your understanding?

### Thursday: Explain

#### Oriental Rat Flea

It might only be 2.5mm long, but this creepy – looking flea is one of history's most terrible mass murderers, responsible for a wave of death which wiped out 25 million people in Europe.



Of all the animals it could choose to live on, the rat flea prefers the sewer rat, from which it can up the bacterium that causes bubonic plague, believed to be the cause of the dreaded 'Black Death', which decimated the world's population in the fourteenth century. The flea, which can jump 300 times its own body height, spreads the bacteria by biting an infected rat and then biting a human. Once inside a human the disease is extremely infectious, as it can be spread through coughing, sneezing or any physical contact with the victim.

Why is the oriental rat flea classed as one of history's most terrible mass murderers?

### **Friday: Fluency**

#### Electric Eel

Every year, hundreds of people mysteriously disappear while swimming in the Amazon River and many believe this snake - like, supercharged fish is the culprit.

The electric - eel - which isn't an eel at all but a type of catfish - has about 6,000 specialised cells, called electrocytes, which create and store electricity like batteries. These cells, which take up 80 per cent of its long body, can produce a charge of about 650V - enough to light a neon lamp or drive a small motor.

A human who gets zapped by such bold while swimming would almost certainly be stunned and drown, it not killed by the electrical discharge itself. It is a fate which is believed to have befallen 17 - year - old British schoolboy Aaron Goss, who disappeared while swimming in the Amazon in 2006 while on a trip to Ecuador as part of his Duke of Edinburgh Gold Award.

### **Weekly Spelling List**

computer	therefore	love	once
intense	though	pull	one
hospital	although	school	come
false	thought	friend	push
liquid	through	house	put
pollen	various	some	full
material	women	ask	
pressure	woman		



Chain Letter Spelling

How many new words can you make by changing one letter at a time? Here is an example ...

**mind**

Chain Letter Spelling

How many new words can you make by changing one letter at a time? Here is an example ...

**mend**

Chain Letter Spelling

How many new words can you make by changing one letter at a time? Here is an example ...

**send**

*Now it's your turn... try using the word wean.*

*How many new words can you make by changing one letter at a time?*

*Other Curriculum Areas*

### The spy

The \_\_\_\_\_ strode along the pavement, pushing \_\_\_\_\_ the crowds. She carried \_\_\_\_\_ bags, \_\_\_\_\_ they seemed light – as if they were empty. I \_\_\_\_\_ that I spotted a badge on her jacket like the one Agent M had worn; she must \_\_\_\_\_ be my target. Even \_\_\_\_\_ she looked nothing like the description I had been given, I followed her. I turned a corner and found myself in a street full of \_\_\_\_\_,

\_\_\_\_\_ , all carrying bags and all wearing badges. This was turning into a nightmare – I would never catch the spy who was giving away the country's secrets.



*Fill in the blanks with the correct word choice*

Sentence Doctor Spelling

Oh dear! Some of the common exception words have been spelled wrong! Can you make these sentences better again?

**Wun day my frend and I went to skool. We luvud learning our spellings and arsked our teacher if we could learn sum more!**

*Some of the common exception words have been spelt wrong! Can you make these sentences better again?*

**Beast Creator!** – Our new cross-curricular topic for Summer Term 1.



**We have recommended 5 different activities to have a go at completing this week:**

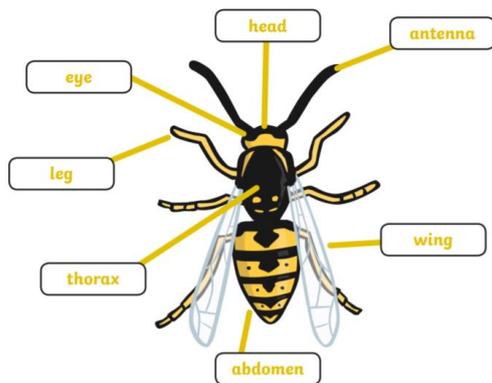
**Geography** – Take part in a minibeast hunt in your garden collecting specimens by tree beating, log turning and net sweeping. Make a map and show the route taken, create a key to show where each minibeast was found.

**Science** – Learn the scientific categories for different minibeasts (arachnids, crustaceans, myriapods, gastropods, annelids, and insects).

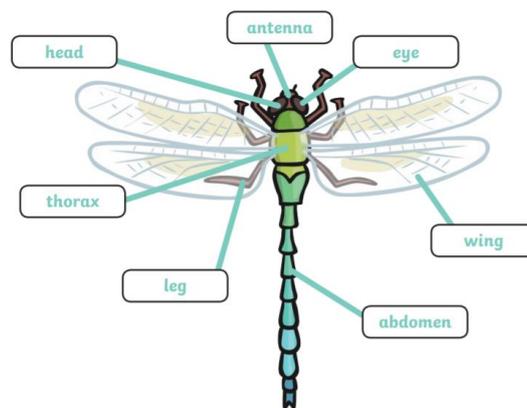
**Art** – Make detailed line drawings of minibeasts, clearly showing their particular features. Add scientific detail to your drawing by labelling it.



### Parts of the Insect



### Parts of the Insect



**ICT & Mathematics** – Research how many legs different minibeasts have (e.g. spiders, woodlice, centipedes, millipedes and beetles). Then use a bar chart to show your results.

**PE** - <https://www.youtube.com/channel/UCaxW1XT0iEJo0TYIRfn6rYQ> - Joe Wicks provides a 30 minute workout every morning from 9:00am. This is a great way to start your morning, I have done these myself and they are challenging! The stream goes live from 9:00am, so don't miss it! Or you may prefer to have ago at cosmic yoga - <https://www.youtube.com/user/CosmicKidsYoga>

**Spanish –**

Visit **lightbulb languages website** (<https://www.lightbulblanguages.co.uk/home-spanish.htm>)

Scroll down to find video clips.

**Watch Spanish 5 clip: saying yes and no.** Practise saying yes and no.

**Watch Spanish 6 clip: numbers 1 to 6.** Practise saying numbers 1-6.

**Watch Spanish 7 clip: numbers 1 to 10.** Practise saying numbers 1-10.

**Watch Spanish 8 clip: saying 6 colours.** Practise saying the 6 colours.

**Watch Spanish 9 clip: saying 5 more colours.** Practise saying 5 more colours.



**Spanish Language Challenges:**

1. Can you find out how many countries have Spanish as their official language?
2. Can you find out the capital cities of ten Spanish-speaking countries?
3. Can you find the names of ten well-known sports players who are from Spanish-speaking countries?

Feel free to send pictures of this week's home learning that your child has completed.

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We look forward to seeing your home learning!