



# Year 5 Suggested Home Activities



## Week Beginning 6.7.2020

Well done for completing another week of learning from home. We know that it can be tough at times but we are so proud of how you are all take responsibility for your learning. Don't forget you can pop in and see Miss Smith (16<sup>th</sup> July) and Mr Perfect (13<sup>th</sup> July) for a few hours and collect any belongings that you may still have at school. Please see the latest newsletter on the school website for more information – we really would love to see you all.

### Maths

#### Times tables Rockstars (TTRs)

Well done to all of you who are continuing to login to Rockstars to practise your times tables, 10 minutes practise a day will help you to be able to recall your facts quickly and accurately. Don't forget there are also other ways to also practise, here are a few suggestions:

- <https://www.topmarks.co.uk/maths-games/hit-the-button> Play hit the button.
- Write a story which includes times tables facts.
- <https://www.mathsisfun.com/tables.html> Print out a times tables grid and use highlighters to colour each times table.

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

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: : understanding percentages, percentages as fractions and decimals, adding decimals with the same number of decimal places and adding decimals with a different number of decimal places. 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: Subtract decimals with the same number of decimal places, subtract decimals with

different number of decimal places, multiply decimals by 10, 100, 1000 and divide decimals by 10, 100 and 1000. 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 9 – Lesson 1 – Subtracting decimals with the same number of decimal places (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:**

- *Percent means out of 100, think of the word 'cent', century = 100 years*
- *24/100 is written as 0.24 as a decimal.*
- *Remember 6/10 is the same as 60/100. Think of your equivalent fractions.*
- *Once you have a fraction out of 100, you can easily turn it into a percentage. 45/100 is 45%, 23/100 is 23%.*
- *When subtracting numbers with the same number of decimal places, make sure you think about your layout and put numbers in the correct column.*
- *When subtracting numbers with a different amount of decimal places, use a place holder to help you. For example 0.34 is the same as 0.340.*
- *When multiplying or dividing by 10, 100, 1000 use a grid (like below if you need too), remember multiplying makes the answer bigger, and dividing makes the answer smaller.*
- *You could use the inverse to check your answers (add/subtract, divide/multiply)*

*Use a grid like the one below if you need to:*

Millions			Thousands			Units			●	1/10	1/100	1/1000
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones	●	Tenths	Hundredths	Thousandths
									●			

## Fun Maths Challenges

### Looking for Patterns

Have you ever wondered what a fraction looks like as a pattern? Probably not. But you're about to find out!

Remember, to convert a fraction to a decimal, we divide the top number, the *numerator*, by the bottom number, the *denominator*.

For example,

$$\frac{1}{2} = 1 \div 2 = 0.5$$

$$\frac{1}{4} = 1 \div 4 = 0.25$$

Sometimes it helps to use a calculator to convert a fraction to a decimal.

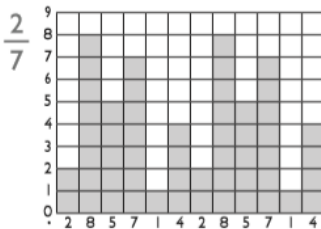
For example,

$$\frac{2}{7} = \boxed{2} \div \boxed{7} = 0.285714285714\dots$$

$$\frac{7}{11} = \boxed{7} \div \boxed{11} = 0.6363636363\dots$$

What do you notice about the **decimals** in the last two examples above?

Here is a way of representing these **decimals** as patterns.



What fractions make interesting decimal patterns? Investigate.

What does your date of birth look like as a pattern?

For example, 14th June 2001: 14062001 | 4062001 ...

What about today's date?

What other dates make interesting patterns?

What would the time on a 24-hour digital clock look like as a pattern?

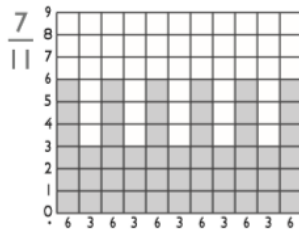
For example, 16:34 would be 1634163416341634 ...

What about other times?

How could you use two different colours to show the addition of two numbers as a pattern?

For example,  $3541 + 5038 = 8579$ .

Investigate.



### Looking for Patterns

Look at these number sequences. They all have the same rule. What is the rule?

4, 2, 6, 8, 14, 22, 36, 58, ...

5, 3, 8, 11, 19, 30, 49, 79, ...

2, 7, 9, 16, 25, 41, 66, 107, ...

Use the same rule to complete these number sequences.

2, , , 12, , 31, , 81,

, 6, , 13, , , 53, , 139

3, , 12, , 33, , 87, ,

### The Language of Maths

Write down any whole number as a numeral. 63

Write down how many letters there are in the number when it is written as a word. (sixty-three) 10

Now write down how many letters there are in this number when it is written as a word. (ten) 3

Keep writing down how many letters there are in the numbers when they are written as words. (three) 5

What eventually happens? (five) 4

Try other numbers.

Do you know how to write numbers as words in another language? Does the same thing happen in this language?

What about other languages?

## English

### Individual Reading

This week, have a little reflection about your reading, think about the following questions:







- Why do you enjoy reading?
- What's your favourite book/series? Why?
- Do you have a special place you like to sit when you read?
- What books do you like? (funny, scary, adventure)
- Do you read aloud?
- Do you have a favourite author?
- Have you ever not finished a book? Why did this happen?
- Are you a risk taker? Could you pick up a book that you don't think you will enjoy and give it a go?

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.

### Spelling

It is really important to try and keep practising your spellings each week. This week will continue to revise the words that we learned at the beginning of Year 5. We recommend 15 minutes of spelling per day.

Keep going Year 5, we are dropping down that league table! Let's see if we can move back up again.

<p><b>1. ABC Order</b></p>  <p>Write all of your spelling words in alphabetical (ABC) order.</p>	<p><b>2. Word Parts</b></p> <p>Write your words. Then use a coloured pencil to divide the words into syllables. e.g. jumping caterpillar</p>	<p><b>3. Other Handed</b></p> <p>Write each word 5 times, switching the hand you write it with each time. Say the word as you spell it.</p>	<p><b>4. Vowel Spotlight</b></p> <p>Write your words using one colour for the vowels and another colour for the consonants. <b>(vowels: a, e, i, o, u)</b></p>
<p><b>5. Use Technology</b></p> <p>Type out your spelling words on the computer. Try to use at least 4 different fonts.</p> 	<p><b>6. Pyramid Words</b></p> <p>s s p s p e s p e l s p e l l s p e l l i s p e l l i n s p e l l i n g (or make them boat shaped, star, smiley face, etc.)</p>	<p><b>7. "Ransom" Words</b></p> <p>"Write" your words by cutting letters out of a newspaper or magazine and gluing the letters on a piece of paper to spell your words.</p> 	<p><b>8. Rainbow Words</b></p> <p>Write your spelling words with coloured pencils. Make each letter a different colour.</p> 
<p><b>9. Scrambled Words</b></p> <p>Write your words. Then write them again with the letters mixed up. Can you unscramble them again the next day? e.g. watch - cwhta</p>	<p><b>10. Silly Sentences</b></p> <p>Write 3 or more sentences that use all your spelling words.</p> 	<p><b>11. Prefixes and Suffixes</b></p> <p>Underline the prefixes and suffixes in the words you are learning. Make sure you know what they mean. e.g. <u>im</u>portant happi<u>ness</u></p>	<p><b>12. Word Search</b></p> <p>Create your own word search with your spellings. Show the answers to your puzzle in a different colour.</p> 

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 wizards. Try and spend 40minutes on each task below, we recommend doing one task per day.

### Task 1: Top Trump Wizards

Welcome to the wonderful world of wizards!

For thousands of years, humans all over the world have tried to discover the power of wizards. There are many stories about what we do, where we live and the spells we cast. I'm here to introduce you to the world of wizardry and to inspire you to write about wonderful wizards!



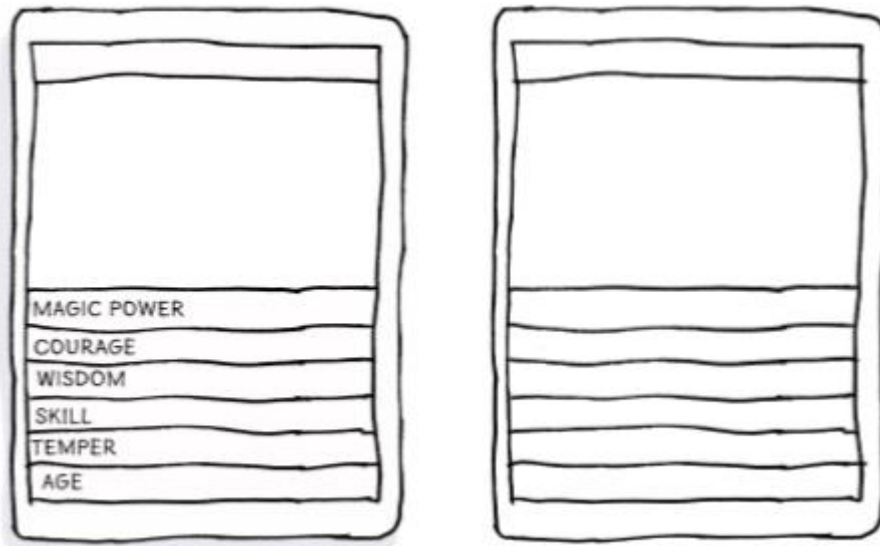
Have you ever wondered what it's like to be a young wizard? What if you found out you actually were one? Let's imagine you are! What would you look like? What would you wear? What special powers would you have?

### Top Wizard cards

Let's put all your ideas onto 'Top Wizard' cards in TopTrump style. First, take a look at mine:



Create your Top Wizard cards:



★ Creative challenge – make a set of wizard ‘Top Trumps’ and play with someone else at home or school. Here are some wizards to get you going but you can create as many as you like.



If you don't know how to play Top Trumps you can find out here: <http://www.toptrumps.com/how-to-play-toptrumps/>

## Task 2: Word meanings

Let's go to wizard school!

So now you are a wizard, there's a place just for you! Take a look at this advert for The School of Wizardry. It is written to persuade you to join the school and learn to be a great wizard. Read it through and see if this is the school for you!

### Welcome to the School of Wizardry



Are you a budding wizard, full of spells and magic? Do you long to be the finest wizard in all the land? If so, come along to our School of Wizardry and learn to be a Master Wizard! Don't miss out on this once-in-a millennium opportunity. The School of Wizardry offers remarkable education for wizards of all calibres. Learn new skills from highly qualified professors of wizardry and enjoy our stunning curriculum, which boasts a multitude of outstanding classes.

The choice of lessons here is unrivalled and includes: - preparing magic spells and inventing potions; - broomstick manoeuvres and expert flying skills; - specialist invisibility and advanced disguise; - perfection in wand-handling skills. Our exceptional school is renowned around the globe and places are highly sought after. Study here and we can guarantee you'll pass every wizard exam with flying colours. It is certain you'll be the envy of all your wizard friends. Study with the best! We have been rated 'Super-Terrific' in a recent inspection by the W.S.B (Wizard School Board) and you won't find tutelage like this anywhere else in the universe. We also have up-to-the minute equipment, beautifully decorated classrooms and the most divine, freshly cooked school dinners. What are you waiting for? Apply now! Come, join us. Leave other wizards far behind! Win in the world of wizards!

### What do the words mean?

★ Let's investigate this text a little more. Use a dictionary to find the meaning of the following words:

budding	
calibre	
multitude	
unrivalled	
manoeuvres	
disguise	
renowned	
tutelage	

### Which synonym?



★ Synonyms are words with the same or similar meanings. ★ Match the synonyms below this table to the target words. ★ Can you find any more synonyms to add into the table?

Target word	Synonyms
budding	
calibre	
multitude	
unrivalled	
manoeuvres	
disguise	
renowned	
tutelage	

**Which synonyms match the target words?**

supreme promising famous many teaching movements  
talents camouflage

Use an example ★ Look at your definitions and synonyms above. Draw a small image in each box to help you remember the meaning of the word.

multitude	disguise
manoeuvres	tutelage

**Task 3: Comprehension**

Wizard comprehension! Here’s a quick-fire reading quiz about the wizard advert in Task 2. How many questions can you answer?

How can you become the finest wizard in the land?-----  
-----  
-----

Does budding mean you are becoming good at something or you are old? -----  
-----  
-----

Anyone can go to the School of Wizardry. TRUE or FALSE? -----

-----

Which phrase in the text means the same as latest? -----

-----

Which two lessons will make you better at casting spells? -----

-----

Find and copy four words that show you this school is great and make you really want to go. -----

-----

Why might the school have been rated 'Super-terrific'? -----

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Why might you be the envy of your friends if you go to this school? -----

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**Task 4: Potion poem**

**Wonderful Wizard Potions**



Let's get creative. There has been a lot of talk about magic and potions, so I thought it would be fun to create one. Take a look at what I have put in my potion:

My Wonderful Wizard Potion

Into my potion, I will drop ...

Glitter from the wings of the fastest fairy,

Slime from the skin of the slowest slug,

The sound of starlight bursting in a black sky,



The smell of ocean mist tumbling,  
A cloak made of cobwebs,  
Some shoes made of rain,  
1000 blinking eyes,  
One dot stolen from the letter i,  
A spoonful of words that start with p,  
A touch of happiness.

*• María Richards*

Now have a go at writing your potion poem. What magical things would you drop into your potion? Follow the pattern above and think about the language you can use. Be as inventive as you can.

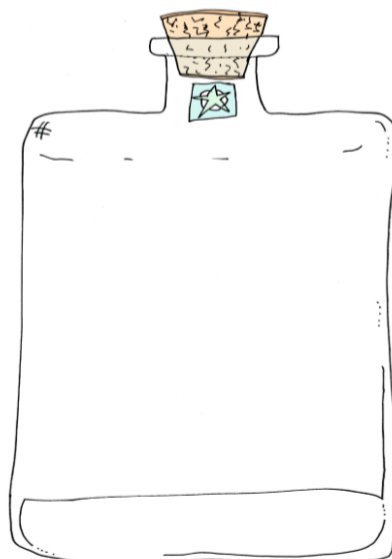
- ★ Try to make your items sound exciting by using alliteration – where words start with the same sound e.g. fastest fairy, slowest slug
- ★ Use precise, powerful verbs that show things in a more exciting way e.g. bursting, tumbling
- ★ Choose unusual things to add to your potion. Be as inventive as you can e.g. a cloak made of cobwebs, shoes made of rain
- ★ Use opposites or pairs to create interest: 1000 and then 1, the fastest and then the slowest, 'the sound of ...' and then 'the smell of ...'
- ★ Use a measure of something e.g. a touch of, a pinch of, a handful of, a spoonful of, a list of ...

Use this planning template to help you:

Two items you would use in a potion from interesting things. Use the pattern: ... <i>from the ... of</i> e.g. <i>Glitter from the wings of...</i>	1 2
The sound of something	
The smell of something	
Two pieces of unusual clothing	1 2
A large number of something e.g. 1000 <i>blinking eyes</i>	
A small number of something: <i>One dot</i>	
Two measurements of something e.g. <i>A spoonful of words</i>	1 2
<b>Optional:</b> Any other ideas you want to add	

**Task 5: Publish your poem**

Once you have checked your poem, publish it by writing it inside a bottle (example below):



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

## Project Time – Geography

Last week we asked you to spend some time exploring the Alps, we would like you to continue learning about the Alps this week. Remember 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://kids.kiddle.co/Alps>

<https://www.bbc.co.uk/bitesize/topics/z3fyedm/articles/zb3ywtv>

<https://easyscienceforkids.com/the-alps/>

<https://kids.britannica.com/kids/article/Alps-The/346078>

**Week 2:** Have a look at the tasks below as a starting point and then do some research, remember you can present your findings in any way you like. You may like to explore all, one or a few of the ideas below:

- Research some animals and plants that live in the Alps and create some Top Trumps cards.
- Can you identify some plants and animals that live at different altitudes?
- Why do tourists visit the Alps?
- What attractions are there in the Alps?
- Choose one of the countries that is part of the Alps, find 5 facts about that country.
- How big/long/wide/high are the Alps? Can you compare your findings with another mountain range?



### Something different...

Did you know that July encourages people to be plastic free? As we are part of an eco-school, we thought you could spend some time looking at the amount of plastic used in the world, and maybe in your home. Is there any way you could reduce plastic? Could you create a poster to go up in your window, could you go plastic free for a day or a week? You can sign up (**you must ask your parents permission**), and you will be emailed various activities that you can carry out. Let's see how eco-friendly you can be. To find out more information, follow this link: <https://www.plasticfreejuly.org/>



## Collective Worship

### Worship Wherever You Are

#### **Stop, Look, Listen!**

This week we read what some may consider is the end of the Creation story, where God looks at all He has made and takes a day of rest for Himself. **Genesis 2 verses 1-3**

To stop and take stock of what we have been doing is an important lesson for us all. Too often we are busy with everyday matters; learning in school or at home, doing chores, playing hard and so on. But it is only when we stop and rest to think about, and look at, what we have achieved, that we truly appreciate how well we have done.

*Leonardo da Vinci said, "Every now and then go away, have a little relaxation, for when you come back to your work your judgment will be surer."*

*Ovid, the Roman poet, said, "Take rest; a field that has rested gives a bountiful crop."*

Ask most religious leaders and they will tell you rest is essential for the soul. It is absolutely essential for a balanced, healthy life. Rest allows us to take a step back, to evaluate our lives, to identify our values, and determine if our life is being lived for them. Rest helps us to find contentment and to embrace simplicity. So, turn off the television, the iPad, silence the phone, close your books and just BE. Perhaps you might pray to God, asking Him to help you take that time you so deserve for resting or thank Him for giving you the opportunity to rest.



To support your reflections this week you may like to just rest quietly and watch this video clip:

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

## 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

# Mindfulness affirmations



These mindfulness affirmations are a combination of mindful colouring and affirmations. Children can think of an 'I am and I can' statement and write it. They can decorate and write in bubble writing, taking ownership of their affirmation.

The word affirm means to 'state something that is true'. Affirmations have simple but positive messages that help to develop a child's sense of self.

When used regularly it is hoped that the children will absorb the positive message and become more positive in their outlook in life. They will really begin to believe the statement that they are working on. The message needs to be realistic and very simple.

Follow the link to find out more information:

<https://www.elsa-support.co.uk/mindfulness-affirmations/>

Best wishes

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.\**