



# Year 5 Suggested Home Activities



## Week Beginning 8.6.2020

We hope that you have had a good first week of Term 6 and have enjoyed engaging in some of the home learning activities that went out last week. Furthermore, hopefully you have had the chance to view our vlog that was posted on the school website last week too. As always, a huge well done to you all for all your efforts so far and remember, not only are these 'suggested' activities; there is no right or wrong way to engage in learning at home. We appreciate that you will interpret and record the activities in your own interesting and exciting ways.



## Maths

### Times tables Rockstars (TTRs)

A special well done to Year 5 who have continued to use Times Table Rockstars to improve the speed of your multiplication and division mental recall! Remember practising little and often is the key, more important than our ranking or score in the league table (which has been especially good recently) is actually the number of children in our year group who log on to play, the greater the number, the better.

Remember there are always other ways you can practise your Times Tables too. This week, why don't you have a go at making your own Times Tables board game? Play it with a family member or a friend in the garden.



Follow the link to use Times Table Rockstars: <https://play.trockstars.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: finding the area of rectangles, finding equivalent fractions, converting improper fractions to mixed numbers and vice versa and comparing and ordering fractions less than one. 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: add and subtract fractions and add and subtract mixed numbers. 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 5 – Lesson 1 – Add and subtract fractions (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:

- When adding or subtracting fractions with the same denominator, 'NEVER EVER EVER ADD THE DENOMINATOR!' (We hope you all sung that in your best singing voice!)
- Look at your answer, can you simplify it, for example 10/20 can be 'simplified' to ½. Think of your equivalent fraction knowledge to help you.

- If your answer is improper, can you convert to a mixed number? (this was your maths learning last week).
- When adding or subtracting fractions with different denominators, remember you will need to find the lowest common multiple. For example  $2/5 + 3/4$ , you need to think of a number which is in BOTH the 4 and 5 times table, you can list the times tables if it helps you. 20 appears in both. Now take  $2/5$ ,  $5 \times ? = 20$ , we know this is 4, so I have to times the numerator by 4.  $2/5$  is equivalent to  $8/20$ . Now look at  $3/4$ ,  $4 \times ? = 20$ . This is 5, so we times the numerator by 5.  $3/4$  is equivalent to  $15/20$ . Now we have  $8/20 + 15/20$ , because the denominators are the same we can work out the answer which is  $23/20$ . This is an improper fraction (the numerator is bigger than the denominator), I can change this to  $1 \frac{3}{20}$ .
- If you are adding mixed numbers, it is a really good idea to convert them to an improper fraction first.

## Fun Maths Challenges

This week we have included some different maths activities for you to have a go at should you want to.

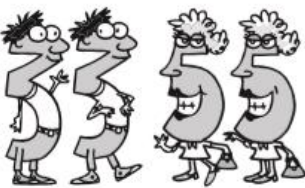
### Let's Investigate

The term *twin primes* refers to two primes that have a difference of two.

For example:

3 and 5

5 and 7.



Write down all the prime numbers to 100.

How many twin primes are there in the numbers 1 to 100? Organise your list of twin primes in ascending order.

For each twin primes work out the total, i.e.

$$3 + 5 = 8$$

$$5 + 7 = 12.$$

For each twin primes work out the product, i.e.

$$3 \times 5 = 15$$

$$5 \times 7 = 35.$$

What patterns do you notice?

### Construct

Using squared paper, draw a map of Laura's walk to school.

- Laura walks to school with her mum in the morning.
- They turn right out of their front gate.
- They turn left at the post box.
- They turn into the next street on the right, by the large tree.
- At the T-junction, in front of the library, they turn right.
- At the traffic lights they turn left.
- They then turn into the first road on the left.
- The school is on the right-hand side of the road.

Describe Laura's walk home from school in the afternoon.



### Construct

Use a sheet of squared paper. In the centre of the sheet, colour adjoining squares to make a simple, but interesting, shape.

Then using two coins of different denominations and a 1 - 6 dice, follow these rules to make a translating pattern.

**Coin A:** Heads = Move up

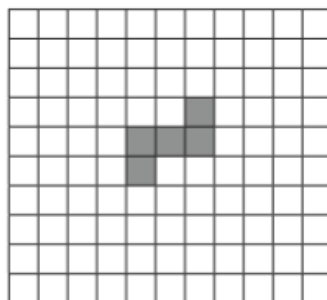
Tails = Move down

**Coin B:** Heads = Move to the left

Tails = Move to the right

**1 - 6 dice:** The number of squares to move.

Investigate making similar patterns using diamond paper.



## English

### Individual Reading

Last week we set our own 'Year 5 Buster Challenge', as a year group could we read for 1000minutes? The results are in...drum roll please.....



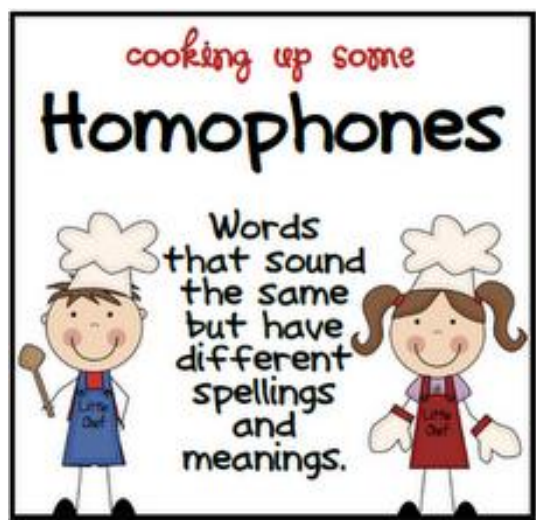
As a year group, Year 5 managed to read for **1243 minutes!** Thank you so much to everyone who took part and we are really pleased to see that so many of you are reading daily. Keep it up!

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. Remember to login, you need to use your first initial, followed by the first four letters of your surname eg John Smith – jsmit, your password is abc.

### Spelling

It is really important to try and keep practising your spellings each week. This week will focus homophones. We recommend 15 minutes of spelling per day. How many homophones can you think off? Who can think of the most in 1 minute, you or someone in your household?

#### What are homophones?



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

### Task 1: Features of instructions

Begin by thinking why instructions are important, and where you might find them?

It could be in a recipe book, perhaps making a Lego structure, putting together a cupboard with your parents...actually if you think about it instructions are everywhere! Instructions are useful, they direct people and even though they are sometimes frustrating, they do help us! BUT... all instructions have something in common, they are all written using the same features. We would like you to find some instructions (if you are stuck use an example from below), see if you can write a list of features that you find. You may like to find two sets of instructions and compare them. Once you think you have identified some features check with the list below – if you missed any see if you can find them – you could use a colour coded key to help.

#### Example 1- Table Football

### Table Football

This should take about 30 minutes

#### You will need:

- Large piece of card
- Green felt (same size as your piece of card)
- Glue or sticky tape
- 2 white margarine tubs
- White tape
- Piece of newspaper
- White paint
- Straw



#### Method:

	1. Get a large piece of card.
	2. Cut some green felt so that it is the same size as the card and stick it on top. This is your football pitch.
	3. Cut out one side of each margarine tub.
	4. Stick them on each side of your football pitch using glue or sticky tape. These will be the goals.
	5. Stick white tape to the felt for the markings of the football pitch.
	6. Scrunch up a piece of newspaper and paint it white. This will be your football.
	7. Blow through a straw to move the ball around and see how many goals you can score!


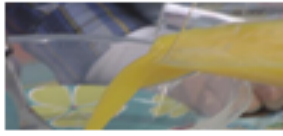


## Example 2 – Fresh Fruit Lollies

### Fresh Fruit Lollies

#### You will need:

- Apron
- Mixing bowl and wooden spoon
- Potato masher
- 2 lolly sticks
- 2 egg cups
- Bowl of strawberries
- Bowl of blueberries
- Orange juice



	1. Mash up the strawberries using a potato masher.
	2. Pour in the orange juice and mix together with a wooden spoon.
	3. Spoon the mixture into the egg cups. Drop a couple of blueberries into each one and finish by placing a lollystick on the side.
	4. Drop a couple of blueberries into each one.
	5. Put a lollystick on the side.
	6. Put the egg cups into the freezer and leave for two to three hours.
	7. Once set, lift the fruit lolly out of the egg cup by the lollystick. Be sure to eat them quickly before they melt!

#### Checklist

	<b>Title</b> which shows what the text is about. It may begin "How to..."		<b>Adverbs</b> for how the actions should be done.
	<b>Sub-headings</b> to break the text into clear sections.		<b>Chronological order</b> and <b>Adverbs of Time</b> .
	An <b>opening sentence</b> which encourages the reader to have a go.		<b>Technical vocabulary</b> which is specific to the task.
	A <b>clear list of equipment</b> or ingredients needed.		<b>Diagrams</b> or illustrations with <b>labels</b> .
	<b>Simple steps</b> for each action in the method.		<b>Formal, impersonal</b> tone.
	<b>Imperative</b> (bossy) <b>verbs</b> telling the reader what to do.		<b>Closing statement</b> which shows or describes what the reader has achieved.
	<b>Bullet points</b> or <b>numbers</b> for each step.		

## Task 2:

Find someone in your house to help you with this part, make sure they are wearing a shoe with laces. Can you verbally instruct them step by step how to tie a shoe lace? They are only allowed to do exactly as you tell them. How accurate are your instructions? Did they succeed? What might you need to do differently next time? Now you could verbally direct them how to put a jumper on, or make a drink – see if your accuracy has improved.

We would like you to write your own set of instructions, which includes all of the features in the checklist above. You can write your instructions about anything, how to take a jumper off, how to wash your hands, baking your favourite cake, building a lego model etc...

Use the template below to help you plan your instructions:

Title	<u>What are you making?</u>
List ALL of the things that you will need	<u>What do we need?</u>
Sequence of steps / Use imperative verbs / Adverbs / Facts / Time connectives	<u>What do we need to do?</u>
Drawings to help the reader follow the instructions.	<u>Diagrams or Illustrations?</u>
Technical words	<u>What do technical words will you use?</u>

### Task 3: Writing

Today you will be writing your instructions. Spend some time thinking about how you are going to present and layout your work. You could research instructions to get some ideas. Make sure it is clear and use your plan to help you.

#### Instructions for the Monopoly Man's Lunchbox

The Monopoly Man is stuck for ideas for lunchtime! He is bored of the same old sandwiches! Well now is the time for you to change his thinking and his lunch box. Follow this simple recipe to enlighten his taste buds.

#### You will need:

- 2 slices of bread
- Plate
- Small amount of butter
- A large slice of cut ham

#### Method:

1. Get a slice of bread
2. Put it on the plate
3. Butter the bread using a butter knife
4. Do this again with the second slice
5. Open the packet of ham - get an adult to help you here if you need to.
6. Take one slice of ham out of the packet
7. Place the ham on top on the bread
8. Put the second slice of bread on top of the ham - butter side down! (before doing this you might like to add some more ingredients such as cucumber or tomato, or a condiment of mayonnaise or salad cream)
9. Cut the sandwich carefully in half using the knife
10. Finally, sit back and let the Monopoly Man enjoy his delicious treat!



#### Crispy Fish Fingers

This should take about 45 minutes

#### You will need:

- vegetable oil
- 1 egg
- 1 slice day old bread
- 2 tbsp polenta (quick cook, dried)
- 3 tbsp plain flour
- Pinch paprika
- 1 white fish fillet (skinned and boned)
- ½ lemon (ask an adult to cut this for you) or lemon juice



#### Method:

1. Weigh and measure the ingredients.
2. Grate the bread into bread crumbs and put these into a bowl.
3. Add the polenta and black pepper to the breadcrumbs.
4. Mix together with the spoon.
5. Put the plain flour and a pinch of paprika into another bowl and mix.
6. Place some baking paper onto a baking tray and brush with vegetable oil.
7. Cut the fish fillet into strips about 3 cm wide using the scissors.
8. Squeeze the lemon juice all over the fish pieces.
9. Break the egg into another bowl and mix it well with the fork.
10. Arrange the three mixing bowls in order.
11. Turn and roll each fish strip in the flour bowl, then the egg bowl and finally the polenta mix bowl.
12. Put the fish on the oiled baking paper.
13. Put the fish in the oven for 10 - 12 minutes.
14. Serve with fresh vegetables.

#### How to make a dump truck

#### You will need:

- 1 large cereal box
- 2 small cereal boxes
- Shoe box lid
- Thin strip of blue paper
- 4 bottle tops
- Red and yellow paint to decorate
- 4 round lids
- Scrunch up newspaper
- Grey paint
- Black paint
- Sticky tape



#### Method:

1. Cut the small cereal box in half, lengthways.
2. Stick it on top of the larger cereal box using sticky tape on one side only.
3. Cut the second small cereal box in half, widthways and stick this on the other end of the large cereal box, standing upright.
4. Stick a shoebox lid on the highest part of the truck to make a roof.
5. Stick a strip of blue paper just underneath the roof to make a window.
6. Stick two bottle tops onto the lower front of the truck to make the headlights.
7. Paint the truck red and yellow.
8. Paint four round lids black. When they are dry, stick them around the bottom of your truck to make the wheels.
9. Scrunch up pieces of old newspaper and paint them grey to make some boulders for your truck to carry.

### Task 4: Edit and improve

Feature station – Look back at the features that we identified in Task 1 (checklist), have you got an example(s) of each feature? If not, could you add them in?

Dictionary check – can you identify a few words that have been spelt incorrectly, you could ask an adult to help you find them. Use your dictionary skills to correct these – how quickly can you find the word?

Thesaurus check – have a look through your work and see if you can find any words you could improve, eg mix, add, pour. Can you find a more ambitious word using a thesaurus (remember to check that it makes sense and is in the right context).

Then create your final neat copy – make it colourful!

### Task 5: Follow your instructions

Can you or someone in your house now follow your instructions? How accurate and easy to follow are they? Did you miss any steps? What would you change if you were to write your instructions again?

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



## Oak National Academy



Hopefully you have had a chance to explore this great website, remember new daily lessons are released so it is well worth visiting often to see what there is on offer. Follow this link to take a look: <https://www.thenational.academy/online-classroom/year-5#subjects>

There are some great Maths and English activities on here:

- <https://www.thenational.academy/year-5/maths/an-introduction-to-translation-year-5-wk1-1> Transformations are a way of changing the size or position of a shape. This lesson will explore coordinates and translations.
- <https://www.thenational.academy/year-5/english/story-reading-comprehension-to-make-comparisons-within-and-across-books-year-5-wk6-1> Have a go at some reading comprehension. Can you answer the questions in detail?

Some other lessons we recommend this week are:

- <https://www.thenational.academy/specialist/communication-and-language/the-planet-primary-specialist-wk5-1> This set of lessons links perfectly to our Eco council. You will be exploring our planet. We will be learning about what makes our planet special and how we can look after it. We will explore different types of green energy and create rules that will help us conserve energy.
- <https://www.thenational.academy/specialist/creative-arts/wildlife-art-specialist-wk6-1> - In this session, you will be using different items we can find in nature to make a beautiful landscape picture.

## Something Different...30 Days Wild Challenge



This June, join thousands of people taking part in our annual nature challenge, 30 Days Wild! We want you to do one wild thing a day throughout the whole month: for your health, wellbeing and for the planet. That's 30 simple, fun and exciting Random Acts of Wildness.

You'll get a free, downloadable pack of goodies to help you plan your wild month, plus lots of ideas to inspire you to stay wild all throughout June (and beyond!). For extra 'bonus' items, keep an eye out for additional, fun activities, from instructions for baking hedgehog cupcakes to a beginner's guide to wildlife photography.

Sign up here: <https://action.wildlifetrusts.org/page/57739/petition/1> -please make sure you have asked an adults permission before you sign up.

## Art Challenge

Don't forget, Mrs Smith and Mrs Allen have set a new art challenge, find more information on the school website.



**Can you give a helping hand?**

An old man, overwhelmed by other people's rubbish, urgently needs your help. After many years looking out of his window onto a large, miserable pile of other people's flotsam and jetsam, he has had enough!

Last night, the old man announced, 'Enough is enough! No more fly-tipping! If you have metal working skills and a big heart, please come along and help me construct a beautiful community garden.'

## 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

## Takeaway bag

This takeaway bag activity is to reflect on all the good things that have happened at home during lockdown. Which memories do the children want to take away with them and remember? They can write or draw in the bag.

To find out more visit: <https://www.elsa-support.co.uk/takeaway-bag/>



If you have any questions for us regarding the home learning please send us an email and we will get back to you as soon as possible. Now we are back in school we will try and get back to you as soon as possible, but please bear with us. We understand the possible challenges that learning at home presents, but would like to thank you for all your efforts and hard work with this. It has been great to see the routines and timetables you are all using at home and how well you have all adapted to learning at home. Stay safe and enjoy the different opportunities learning at home brings.

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.\**