



Year 6 Suggested Home Activities



Week Beginning 6.7.2020

Maths

Times Tables Rockstars

Keep up the great work on here – we can see that more of you are logging on and hopefully you are noticing an improvement in your personal recall speed. Here is our ‘heat map’ for our recall time (as a class) on the different multiplication facts since last week. *Notice – we recommend that you allow a maximum of 20 minutes a day*



White Rose Maths Lessons – Area and perimeter

Summer Term Week 9(22.06.20) on White Rose will introduce Number sequences. You can find the link to the suggested daily lessons here: <https://whiterosemaths.com/homelearning/year-6/>

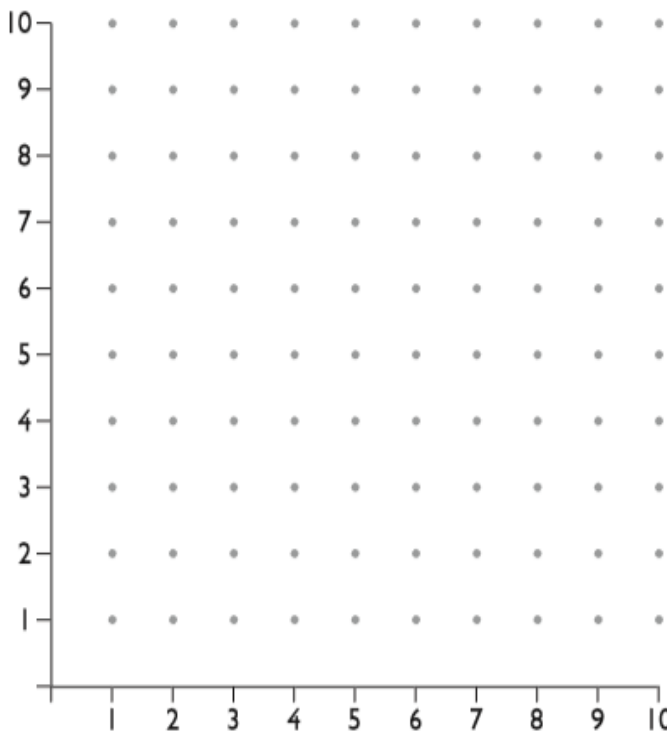
Optional tasks:

Below are also some extra activities you can complete if you wish. Please feel free to contact us if there are any areas you would like a Maths challenge based around. If so, we will try our best to include them next week.

Activity 1

Let's Investigate

Draw a coordinates grid similar to this on dot squared paper.



Use the numbers 2, 3, 5 and 8 to make coordinates. For example: (2, 8) or (5, 5).

Use the coordinates to make these quadrilaterals:

- parallelogram
- rhombus
- rectangle
- square
- kite
- trapezium



Activity 2 – [Puzzle pack](#)



Why not have a go at the challenges here:

<https://dcbeagle.com/>

Activity 3 – Investigation

Sports Update

Most sports are played on areas of a particular shape and with specific dimensions.

Investigate the dimensions used for playing different sports such as:

- football
- cricket
- rugby union
- tennis
- basketball
- baseball

Draw a diagram showing the shape and dimensions for a sport of your choice.

Make sure that your diagram is to scale.



English

Creative Writing – One Chance: A Wishing Story

“Be careful what you wish for, you may receive it.” – anonymous

Have you ever thought about what this might mean?

This moral message has been used many times in stories for centuries. This week you will explore wishing stories and have a go at writing your own.

Session 1 – Brain Dumping!

Dump your various wishing ideas onto paper with the following activity.

If you had a chance to make a wish, what would it be? For example, you might wish for a pet dog or to be a famous footballer. Think of the positives and negatives for each wish you can think of. For example:

I wish I had a bright red Ferrari. I could drive at immense speed and win many great races.

However, I would be adding to the destruction of the planet, be breaking the speed limit and endangering my life and the lives of others.

Now have a go yourself:

I wish I ...

I could

However,

Try this for four different wishes.

Session 2 – Exploring & Predicting

Read the following 'wishing' story and you can also listen to it here:

<https://soundcloud.com/talkforwriting/one-chance/s-A3SQpptbOx>

One Chance

Outside, the evening was cold and wet. A **squally** wind howled, rattling the roof tiles and shaking the window frames of 13 Wager Road. Inside, **shabby** curtains were drawn, a **humble** fire crackled and a couple sat in silence. Jack stretched out on the tired couch with an amused smile, turning the page of his favourite novel. Sarah **scowled**, silently **seething**. She scanned the room, noticing the worn-out furniture, peeling paint and, in her opinion, a pointless, idle husband. She deserved so much more than this.

Suddenly, the letterbox jangled and there was a solitary but decisive knock on the door. Hope, the Labrador, barked. Sarah pulled back the curtain and watched as a hooded figure slipped silently away up the road. Puzzled, she stared down at a golden card that had appeared, glinting on the frayed doormat.

Tentatively, she gathered it up and read it out loud:

Golden Lottery Ticket Ltd.
Congratulations!
You have been selected as one of our lucky lottery winners.
This golden ticket entitles you to receive one of three exclusive wishes.
Simply, scratch the card and make your wish.
Once you have claimed your wish, pass on the luck!

Wish 1	Redeemed
Wish 2	Scratch here
Wish 3	Scratch here

Small print: Remember to use your precious wish wisely – wealth is not the root of happiness.

What next? We've stopped at an interesting part of the story. Summarise below what you think could happen next.



I predict...

Now let's find out how close your predictions were. Read on!

Sarah gasped. This is just what she was looking for - another chance. Maybe lose the idle husband as well, she thought, shaking her head.

"I am going to give this a go. I am thinking lots of money to buy expensive clothes and maybe you can finally sort this house out," she said to Jack, **rummaging** desperately in the drawer for a coin.

"Utter nonsense," muttered Jack, glancing up from his book and taking in the room. "I love this old house and you just the way you are. Even if all that did come true, there'll be a catch. No one gets something for nothing. Just throw it away."

Sarah stopped and nodded **sullenly**. He was right. She made to throw the ticket on the fire, but something stopped her. Furtively, she **stashed** it in her pocket.

Later that evening, as Jack slept, Sarah retrieved the ticket and greedily scratched 'Wish 2', dreaming of **immense** riches or, to be precise, £100,000. Outside, a squally wind **howled**. Inside, nothing happened. Bitterly, she tossed the ticket into the bin.

The next day, the wind died down to a cool, whispering breeze. Jack prepared for his early morning walk with Hope. Pulling his woollen hat firmly down over his ears, he called out to Sarah that he wouldn't be out long and left. Sarah **scowled**. She could barely respond.

Eight hours passed and Sarah began to worry - where were Jack and Hope? Shaking with fear, she dialled 999, hoping for the best but fearing the worst.

A massive search was launched but there was no sign. Jack and Hope had simply vanished. Sarah was **distraught**. Deep down she worried if their disappearance had anything to do the golden ticket.

Days later, as the wind whipped up again, a woman in a black cloak knocked at the door. She told Sarah she had been sent to offer some **compensation** for her sad loss. Sarah was feeling desperate so asked, "How much?"

"Shall we say... £100,000?"

Shocked, Sarah recalled the greedy sum she had wished for. Could it be true? Had her selfish wish actually been granted? Quickly, she raced outside and **rummaged** desperately through the bin, trying to locate the **discarded** ticket. With sickening dread, she smoothed out the crumpled ticket and gasped in horror. It was true. The second wish had been redeemed.

Golden Lottery Ticket Ltd.

Congratulations!

You have been selected as one of our lucky lottery winners.

This golden ticket entitles you to receive one of three exclusive wishes.

Simply, scratch the card and make your wish.

Once you have claimed your wish, pass on the luck!

<i>Wish 1</i>	<i>Redeemed</i>
<i>Wish 2</i>	<i>Redeemed</i>
<i>Wish 3</i>	<i>Scratch here</i>

Small print: Remember to use your precious wish wisely - wealth is not the root to happiness.

Sarah leaned against the bin for support, her head spinning, her thoughts in **turmoil**. Then she **gathered herself together**. There was still one final wish left ... Could she use it to try and bring Jack and Hope back? She needed a coin, quick.

Just then, without warning, the squally wind howled and snatched the ticket from her hand. It spiralled, higher and higher like autumn leaves in a storm and then, like the mysterious woman herself, it was gone. Sarah cried out of helpless pain.

Inside, the shabby curtains were drawn and a humble fire crackled.

Session 3 – Developing Characters

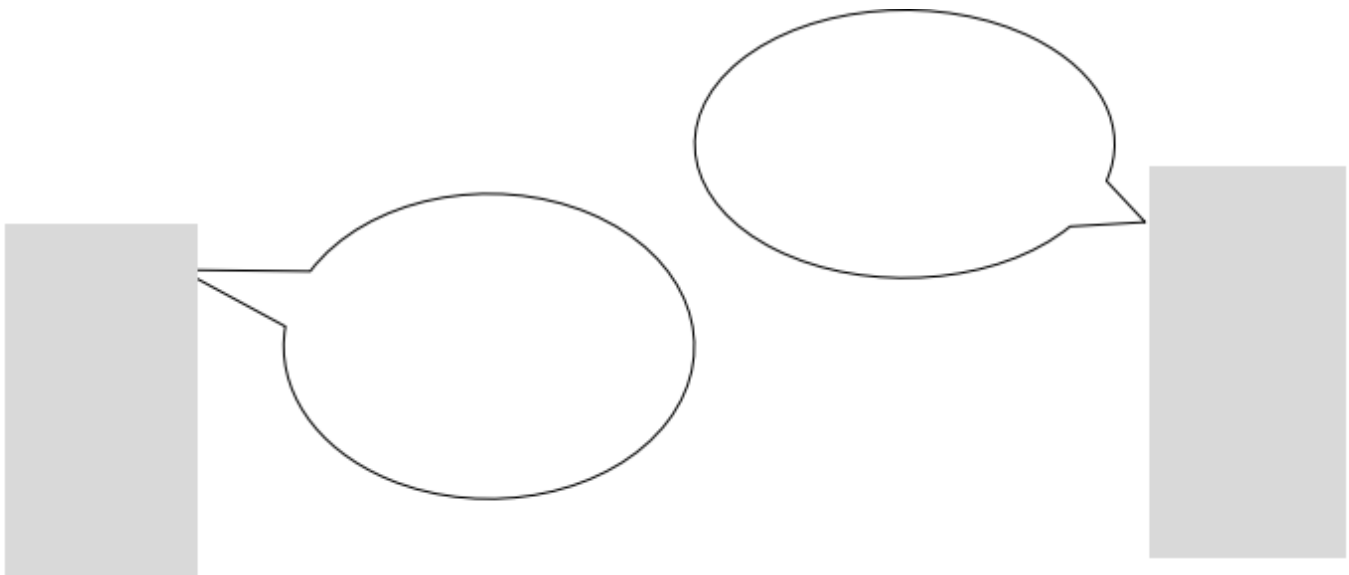
This week you will have a go at creating your own 'wishing' story. Start thinking of two characters that will be in your story. You might want to create a character who always wanted to win the lottery, but is now regretting their wish!

Speech is a crucial part of story writing to move the narrative forward. It is important that the reader knows what is said, who says it and how it's said.

There are some golden rules for writing speech:

- 1) Put inverted commas (" ") around what is actually said.
- 2) Begin a new line (paragraph) for every new speaker.
- 3) Always begin a new piece of speech with a capital letter.
- 4) Always put some punctuation at the end of the speech – . , ! or ?
- 5) To make it interesting, tell us how the words were spoken.

Use cartoons to plan out what some of your speech might be. Make character 1 wish for something and character 2 react to it. Write what they say in speech bubbles and use cartoon drawings to show how each character feels.



Now turn your speech bubbles into a short dialogue for a wishing story using accurate speech punctuation. Use the words you select to help the reader picture the scene.

Session 4 – Planning

Follow the underlying story pattern for a wishing story to help you plan out ideas for your story. Jot down ideas in note form to help you work out how your story will unfold:

Underlying story pattern	Plan for your story
Main characters in a safe, homely setting: one dreaming of a fortune or change	
An object arrives with a 'too good to be true' promise or wish	
One character warns against, but the other character ignores the warning and makes a wish. Nothing happens. Yet!	
Wish comes true but with unforeseen consequences.	
Character wants to use another wish to put things right, but the object has disappeared.	

Session 5 – Producing a final draft

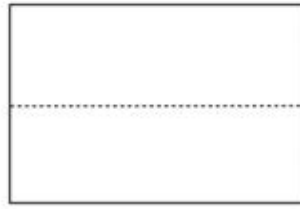
Use your plan to draft out your story. Remember to select words carefully to create a picture of how the characters feel throughout; create a mood or atmosphere in your opening to set the scene for the story; use speech to move your story forward and show what they do and how they feel as they speak.

You could even follow the instructions below to create a 'mini book' and illustrate your final draft:

How to Make a Six-Page Book With One Sheet of Paper!



1. One sheet of white paper.
12" X 18" is a good size to use.



2. Fold in half lengthwise. Also known as a "Hotdog Fold".



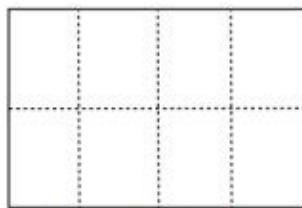
3. Fold in half again.



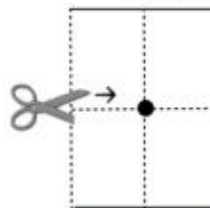
4. Fold in half again.



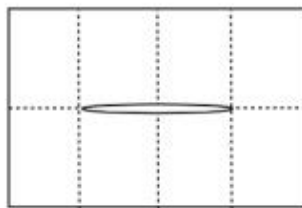
5. Now you have a very small folded sheet of paper. But it isn't a book yet.



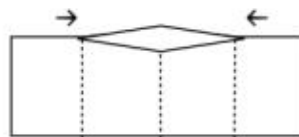
6. Unfold everything. Now it is a big sheet of paper with lots of fold lines.



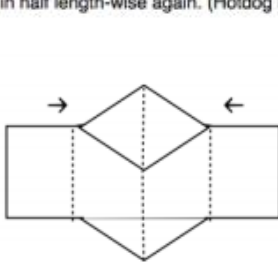
7. Fold in half in the middle- this time a "Hamburger Fold".
Make a mark with your pencil in the center of the folded sheet. Take your scissors and cut from the *folded edge* to the center dot. Stop cutting at the dot!



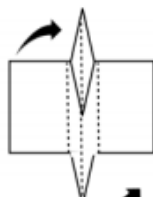
8. Unfold your sheet of paper. It should look like this with an open slit in the middle. Fold it in half length-wise again. (Hotdog Fold.)



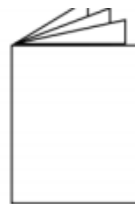
9. Push folded edges towards center allowing the slit to open up into a diamond shape.



10. Keep pushing edges together until diamond becomes a slit again, perpendicular to folded edges.



11. Fold one edge toward slit and the opposite slit toward folded edge.



12. Be sure to go over the creases to make them sharp. Now you have a small six-page book!

Reading

Here is the link to a range of books accessible from home: <https://readon.myon.co.uk/index.html>. Don't forget to complete the associated Accelerated Reader quiz once you have completed a book.

Looking for a new author? Take a look at this website which offers other book recommendations based on the works of previous authors that you have enjoyed: <https://www.booksfortopics.com/branching-out>

Spell Shed

Next week's words – **overbalance, overthrow, overturned, overcoat, overslept, overcook, overpaid, overreact, overtired, overlooked**

Extra Family Challenges

Plastic Free July - This month is plastic free July, this is a global movement where people are working together to find a solution to plastic pollution. Please look at the sheet on the next page to complete different plastic free related activities set by Mrs Dennett.

Music Challenge - Mr Miles has also set you a new music challenge – This time all around the infamous Cup Song. Please go to the school family challenge website page to find out more information, and to watch Mr Miles in action!

<https://bridge.kent.sch.uk/school-life/coronavirus-covid-19/pupil-work>

Geography

Plastic is having a big impact on the world's oceans and it is affecting the marine wildlife that lives in these oceans.

Can you find out the names and where these oceans are located around the world? Maybe you could draw a world map and add labels.

Can you find out about all the different types of amazing animals that live in the oceans? You could then choose 3 or 4 of the animals you have found out about and could then create a fact file.

How is plastic having an effect on the world's oceans? Using what you have found out can you create a presentation explaining the effects plastic is having on our oceans maybe you could record a presentation or create a PowerPoint.

<https://www.nateekids.com/uk/kids-club/cool-kids/general-kids-club/plastic-in-the-ocean/>

Science

Using objects you have around your home or in your garden can you sort these according to what they are made out of. How many objects in your house are made out of plastic? Can you think of properties to describe the different materials you have found?

How is plastic made? Use these video to find out how a plastic bottle is made.

<https://www.funforkidslive.com/learn/how-stir-made-plastic-bottles-made/>

History

When was plastic first used? How has the use of plastic changed over time?

Who first invented plastic?

<https://kids.kiddle.co/Plastic>

<https://kids.britannica.com/students/article/Leo-Hendrik-Baekeland/316947>

Plastic Free July

This month is plastic free July, this is a global movement where people are working together to find a solution to plastic pollution. If you would like to find out more have a look at the website below:



<https://www.plasticfreejuly.org/>

As a household you may like to set yourself a challenge of trying to reduce the amount of plastic you use over a week or even a month!

You could keep a diary showing your journey of reducing your use of plastic.

Computing

Do you know what materials you can recycle? Could you make a poster to encourage others? If you had a pile of material put in front of you, would you know what would go in what bin? Use Purplemash to explore recycling and design your very own poster. Don't forget to save your work so you can share it with your teacher. Login to Purplemash and type 'plastic' in the search bar to find the resources.

<https://www.purplemash.com/sch/bridgeeparix>

DT and Music

Using materials around your home (maybe you could look in the recycling bin?) can you design, make and evaluate a model or a musical instrument?

Before you start find as many different materials as you can and then design what your model or musical instrument is going to look like. Think carefully about how you are going to join all the materials together. Now you are ready to make your model or instrument.

Once you have made your model can evaluate your work. What went well? Did you follow your plan? Did you have to make any changes? If you were to make your model again what changes would you make? Why?

Art

A new trend in fashion is creating clothes out of recycled plastic. Your challenge is to design your item of clothing made only using plastic. For example you may design a dress made out of plastic bags or a pair of shorts made from plastic bottles.

Take care everybody and keep safe,

The Year 6 Team

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