Wellington Weekly

Friday 28th January 2022

Message from the Headteacher

Gold Merit Awards

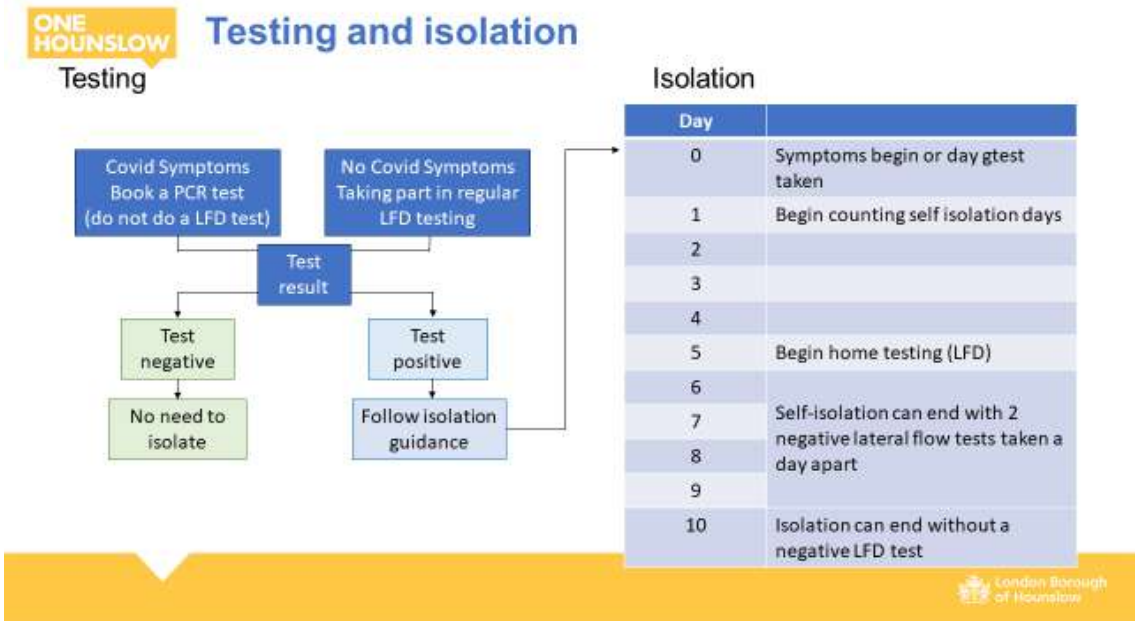
Congratulations to the following junior children who were awarded their Gold Merit Badge today:

Tanay – Obsidian class and Gia – Opal class

Coronavirus Update

We have seen an increase in the number of cases particularly in year 4 and year 6 over the last week, please do not send children into school if they have any of the following symptoms without testing:

- Runny nose
- Headache
- High temperature
- Continuous cough
- Sneezing
- Sore throat
- Loss of taste and smell
- Stomach ache



Individual Photographs

Next week the photographer will be in school taking individual school photographs. Juniors will be on Monday and Infants will be Monday & Tuesday. Please let the class teacher know or email the school office if you do not wish your child to be photographed. If your child has PE on these days, they should bring the kit in with them to change at school. There will be no sibling photographs this year.

Big Garden Birdwatch

Big Garden Birdwatch long weekend is here! There's still time to sign-up and take part. Just spend one hour between ***Friday 28 and Sunday 30 January*** counting the birds, and help monitor how birds are faring. It's free, fun, and a great way to keep an eye on your local wildlife. Wherever you are, whatever you see, it counts!

Be one in a million!

Last year, more than one million people took part in Big Garden Birdwatch, all coming together to look out for birds. Will you join in today? Look out of your window or in your local park and record the birds in Hounslow.

Shockingly, we've lost 38 million birds from UK skies in the last 50 years, so it really is vital we do all we can to look after our birdlife. You can also make a difference by taking part in Big Garden Birdwatch. Thank you for being one in a million!

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Early Years

Nursery

This week in the nursery the children have been reading the story of 'The Little Red Hen'. The children have had lots of fun retelling the story, exploring letters and numbers in the flour and making delicious bread!

At the art table the children have been using paper plates, paint and card to make their very own little red hen. They have used their cutting and sticking skills to help them. We think these hens look cluck-tastic!

The children also had opportunities to develop and explore their speaking and acting skills. They used the puppets and props to retell the story of the little red hen and they also remembered some

of the story language ‘Not I’ said the dog. We think they have done an amazing job at remembering the key events from the story.

As part of the story the children have had an opportunity to make their own bread just like the little red hen. The children were kneading the dough and mixing the ingredients and really enjoyed being bakers. The bread rolls tasted delicious!

This week the children have been practising recognising and writing the letter L, l. The children have become really good at holding the pencils correctly and they are now sitting and becoming independent learners. We are very proud of them.

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We have continued to practise our scissor skills and the children have developed their fine motor skills by making snips to make their very own windmills. The children have done a fantastic job.

It's been another busy week here in the nursery. Here are a few more things that the children had fun with…

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Reminder: Please can you listen to your child tell the story every day for 5-10 minutes and encourage them to talk about the pictures in short sentences. Please also send your child book bag on their allocated day. The list is displayed on the Nursery door. Thank you so much.

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Stars of the week

Zaina for trying to talk in class.
Rehmatdeep for following instructions and making bread.
Chahika for lovely writing.
Samir for trying really hard with his phonics.
Oren for trying much harder to listen to and follow instructions.
Iqra for sitting nicely and listening during circle time.
Misha for trying her best to make a windmill.
Isha for trying really hard with writing her letters.
Torin for making delicious bread and following instructions.

Nursery birthdays this week

Happy birthday to Chahika and Oren who turn 4 this week

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Reception

Dojo points

Birch - 1356
Yew - 2832
Elm - 2322
Oak - 967

Home learning

All home learning for Reception is uploaded to Tapestry every Thursday. The Reception team send a huge thank you to all of the parents who have been supporting their children at home and uploading some fantastic photos and videos of their learning. Here is some of your wonderful home learning from this week!

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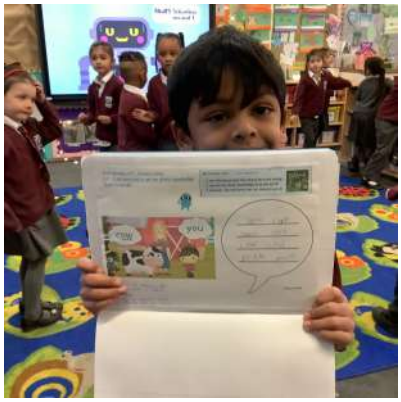
Mathematics

In maths this week we have been learning how to compare capacity using a variety of different sized containers and materials. The children did a range of activities to show how to compare capacity See below all the wonderful work they did.

Literacy

In Literacy we have continued to focus on the story ‘Jack and the beanstalk’. We have been busy learning about the story and looking at a range of questions to help the children understand the story in more depth. The children have been learning how to plant beans and understand how they grow. We have also been learning how to read and write sentences using ideas from the story. The children were engaged in some wonderful activities that they thoroughly enjoyed. See below some activities they were involved in.



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Phonics

In phonics this week we have been revisiting the sound ‘oo’. Also we have been looking at the new grapheme ‘ow’. Children were able to recognise the sounds in words and learned how to write new words using these sounds. Children used their phonics knowledge and tricky words to write new sentences. The children really enjoyed a variety of activities to show their understanding of blending and writing words. This included writing in sand, making cards, sorting words and pictures and making owls. Here are the wonderful activities we did.

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Outdoor learning!

This week we were really busy in the outdoor area making sure children are all having a go in all areas outdoors. The children were involved in learning how to read tricky words through games, building on the construction area and performing stories through song. Also, they learned how to go shopping and how to count money. Here are some pictures of our wonderful activities.

Merits

Birch

Mahira for fabulous joining in during our yoga sessions and making the poses accurately.

Ralston for following some new routines very well and contributing to class sessions.

Saanvi for excellent answers to questions about capacity in maths.

Samvir for trying hard to join in with our phonics sessions this week.

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Elm

Laiba for excellent listening skills and following lots instructions during PE lessons.

Yashvi for having a great day on Monday morning and joining in with all the learning.

Chanroop for practicing her phase 2 phonics sounds at home.

Tanishqa for being a good friend and excellent with class routines.

James for excellent behaviour and focus during carpet time.

Yew

Aqeela for doing beautiful writing.

Azan for always doing good choices and excellent work.

Antoni for excellent blending and reading.

Amanyapreet for excellent blending and reading.

Jenecia for doing excellent work in all areas.

Maitrin for giving excellent answers when discussing the story.

Oak

Efren for identifying missing tricky words in phonics.

Lukas for identifying phonemes in our phonics lesson.

Lily for always making good choices in school.

Charvi for showing more confidence in class.

This week we wish a very big Happy Birthday to

Adela and Zain from Birch class and Oliver from Yew class!

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Year 1

Dojo points

Beech - 730
Ebony - 625
Maple - 630
Willow - 821

English

In English this week we have been creating freeze frames for some of the pictures in 'Where the Wild Things Are'. We have also been writing about the different thoughts for Max and the Wild things.

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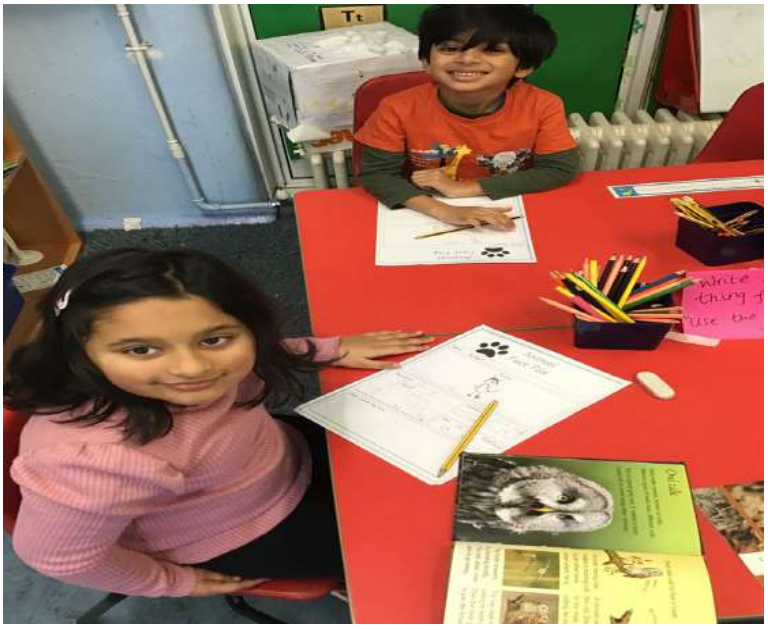
Wild Thing Day!

To celebrate our learning and finishing the book, we have been doing lots of wild things. Here are some.



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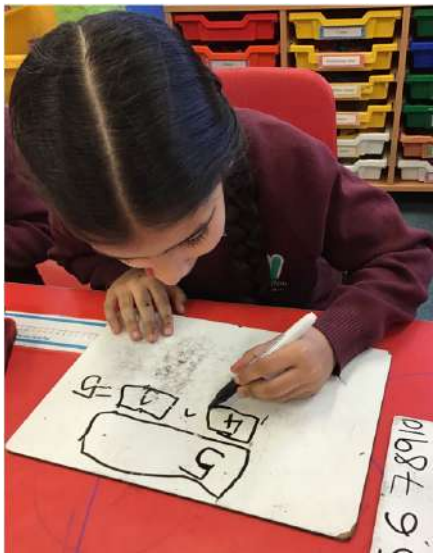
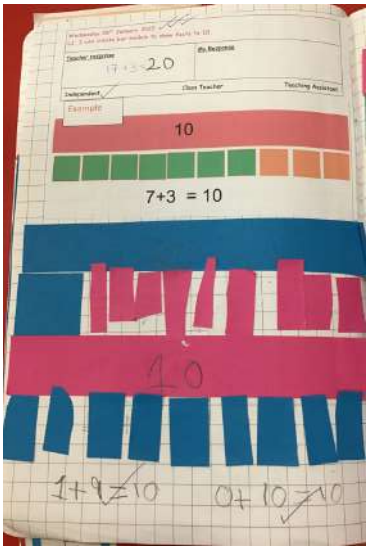
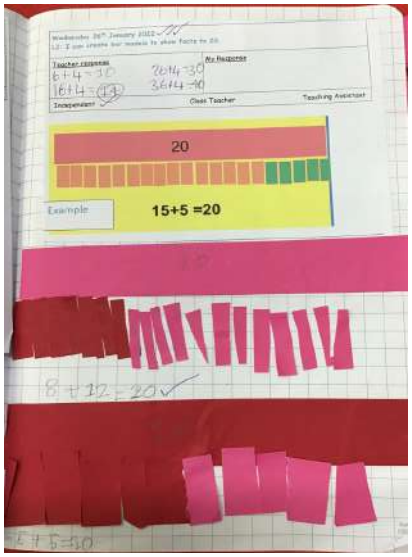
Phonics - we are still working on our Phase 5 sounds. This week we revised words with ew, oe and au/aw sounds. We also practised reading and spelling phase 5 tricky words.

Maths

We have been using bar modelling to help us with our subtraction sums.







Music

This half term our music topic is based on Mars from The Planets by Gustav Holst. Last week we listened carefully to Holst's music, hearing when the sounds were smooth (legato) or jumpy (staccato). This week we learned a new song about a rocket ship going travelling to Mars. We sang it in different ways (loud, soft, smooth (legato), jumpy (staccato) and we made actions to go with the song. We also made rocket ships to make our singing even more special!

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Please complete maths sheets and English sheets in the homework books.

Homework is due on Monday 31st January.

Merits

Willow

Claudia - For her excellent skills in ICT this week drawing her own Wild Thing using Purple Mash. Well done!!

Kung'u - For working really hard and being confident in his number bonds to 10. Well done!!

Shameera and Miriam - For their outstanding efforts on their homework making number bond posters.

Rasagnya - For her amazing writing about what Max and the Wild Things might be thinking using thought bubbles. Well done!!

Beech

Ansh for his super maths work this week and understanding bar models - well done.

Lilia and Meher for sorting out the appropriate clothing for each season!

Saatvik and Aadit for their amazing freeze frame and understanding a character's thoughts!

Zahra for always listening and following instructions!

Ebony

Rajveer for his excellent reading and writing this week. Well done, for focusing on your handwriting. Keep up the good work!

Aarav for his brilliant bar models to 5 and 10! Keep it up!

Karthik for his amazing phonics this week and re-reading his sentences to see if it makes sense. Keep up the good work!

Janav and Harnek for their excellent efforts on their writing thought bubbles on each of the characters from 'Where the Wild Things Are' - Keep up the great work!

Ashvath for his amazing gymnastics in PE - keep it up!

Maple

Georgia – for good listening and working hard in her football lessons.

Zayyan – for super performance in our music lessons.

Muazz – for starting each session well, always keen and ready to learn.

Thiya and Ranveer – for working well at home, reading the books in their book bag and completing their homework.

Tanvir – for keeping practising blending sounds together so he can now read CVC words.

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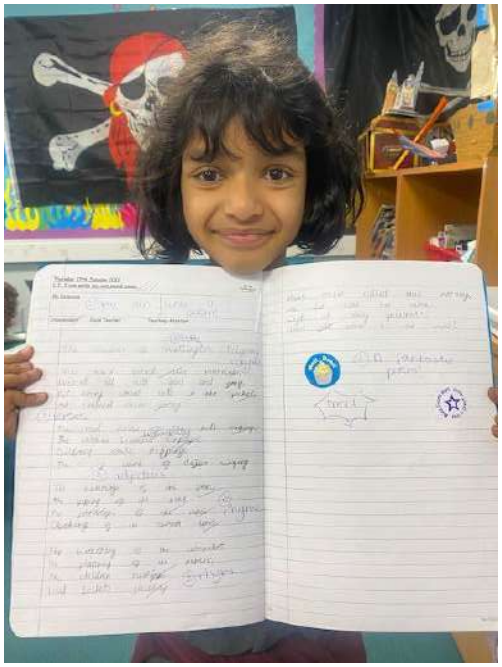
Year 2

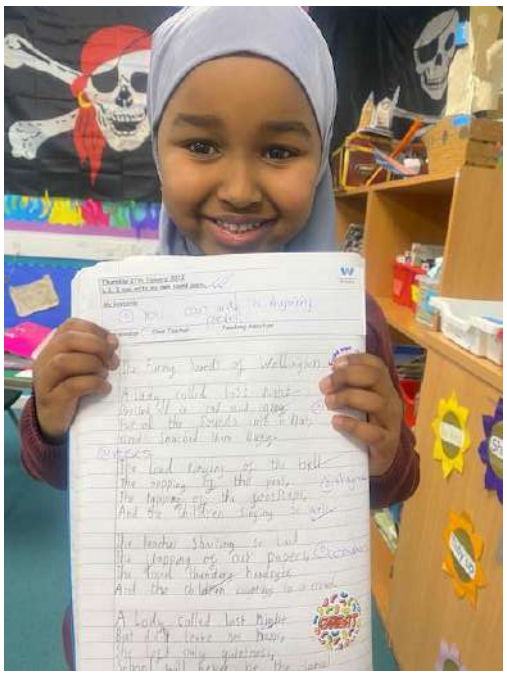
Dojo points

Aspen - 714
Chestnut - 720
Pine - 789
Sycamore - 745

English

In English this week we collected sounds around the school to create our own version of the ‘sound collector’ poem, we even made our poems rhyme!





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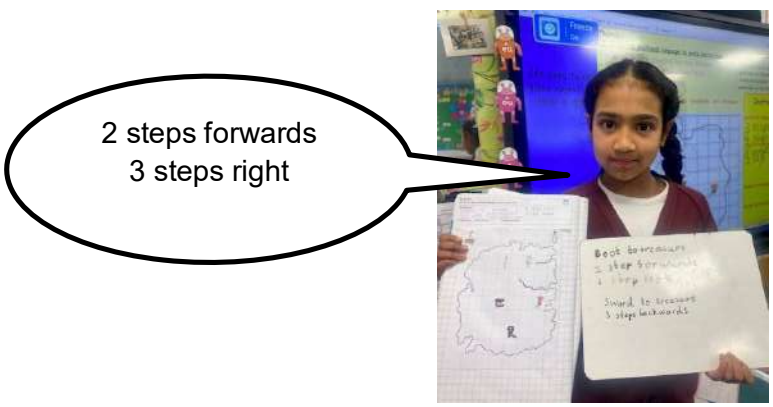
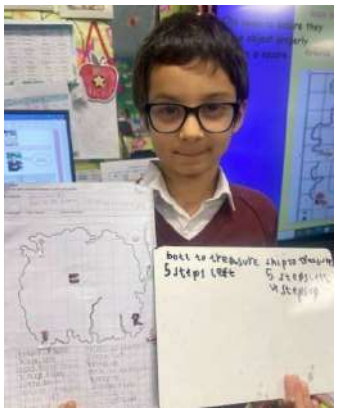
Maths

In maths this week, we learnt about position and direction. We learnt new terms such as 'clockwise' and 'anti-clockwise'. We created a treasure map and wrote instructions using positional language.





Science

This week we started our plant investigation, we will be investigating if plants need light to grow. We wrote instructions on how to plant seeds and planted our own runner been seeds.

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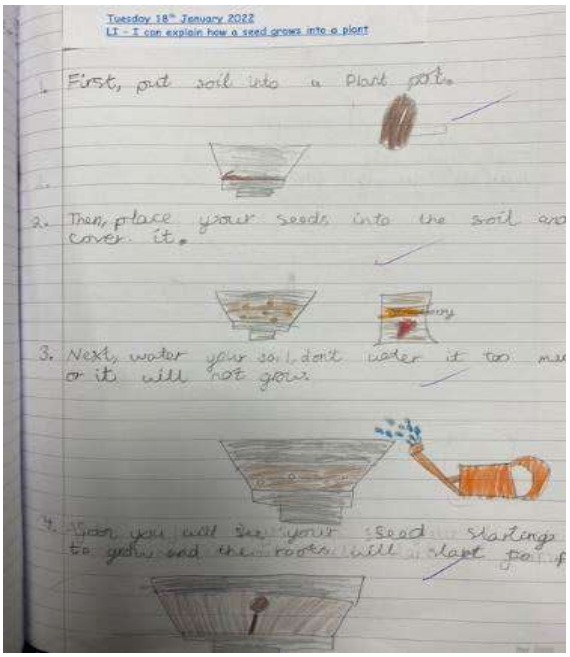

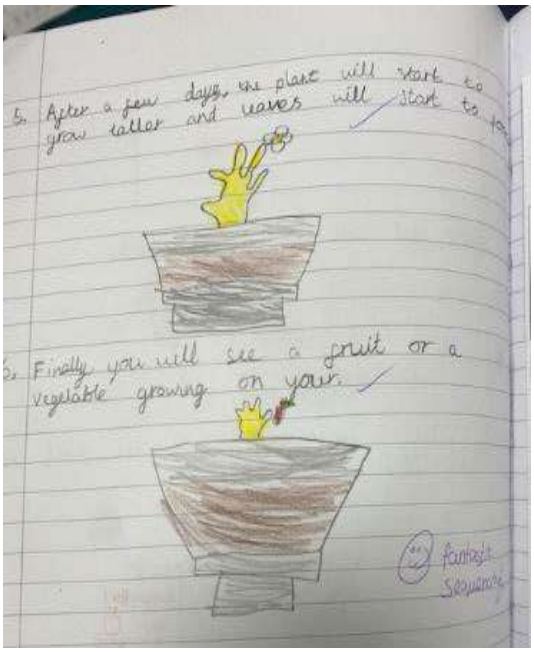

Merits

Sycamore

Arnavv and Avyaan - for being able to sort a range of locations that are near and far away from the equator.

Bhasrithaa and Krish - for creating excellent silhouettes of hot and cold places around the world.

Saajida - for modelling great team work during our PE session! Well done!

Shivayan - for working really hard to develop his knowledge of times tables and challenging himself.

Aspen

Victoria - For trying really hard to work independently. Well Done!

Colter - For creating his own fantastic sound poem using some amazing adjectives.

Amaara and Amelia for writing excellent sentences using the weekly spellings.

Louie and Leon for their very detailed treasure map- well done!

Brendan for trying really hard when rotating and positioning shapes and objects in Maths. Well Done!

Chestnut

Riyon and Devansh - For trying really hard when rotating and positioning shapes and objects in Maths. Well Done!

Erika and Rahma - For trying really hard to work independently. Well Done!

Injela and Abyan - For creating fantastic sounds with instruments when reading 'The Sound Collector'

Pine

Wassim- For learning his weekly spellings and applying them into his writing.

Kunwar- For trying hard with composing sentences independently in English.

Sarvani and Simairah- For super hard word with their phonic sounds.

Srishani- For writing clear and concise instructions on how to grow plants in Science.

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Key Stage 2

Year 3

Welcome to year 3's weekly newsletter. We have had a brilliant week trying out a variety of activities in all areas of the curriculum. This week Sapphire and Turquoise were introduced to their first Tennis coaching sessions, which they thoroughly enjoyed. In Art, children loved experimenting with watercolours. We have had some lovely discussions and learning about Jewish artefacts in RE. It is so lovely to see the enthusiasm children have towards learning about other faiths. We hope you have a wonderful weekend and please do encourage your child to Doodle away this weekend if it is possible. The year 3 pupils and staff really want a year 3 class to be Maths/English Doodlers and earn the trophy for the week! Thank you for your support as always.

Class Dojo Points:
Topaz: 628 points
Sapphire: 966 points
Turquoise: 963 points
Lapis: points: 408 points

Lapis merits
Smrithi- for her hard work in maths when developing her reasoning skills.
Kushika- for her super work in art when experimenting with water colours.
Daivik- for his hard work in maths booster when working with Ms Flora.
Yuvan- for his super work in English this week and trying hard to develop his vocabulary.

Topaz merits
Saanvi - in topic, demonstrated a brilliant understanding using maps and locating the Equator along with the Topics of Cancer and Capricorn.
Parth - for maths sharing the methods he used to divide 2 digits by 1 digit.
Fabio - being able to use reasoning to solve remainders when dividing 2 digits by 1 digit.
Chrisha - using paragraphs in her letter to Lalchand from Lila in The Firework Maker's Daughter.
Giselle - used ambitious vocabulary to describe a setting.
Alexandru - in RE being able to share the importance of Jewish artefacts.

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Sapphire merits

Freden and Asher for their super effort in using practical objects to divide numbers to show a remainder.
Nishma for using lots of descriptive language to describe how shadows are created in science.
Yasmin for her fantastic improvement with learning her weekly spellings and scoring 10/10!
Jenson and Dillon for their brilliant description of their dreams and goals and the steps they will take to achieve these!

Turquoise merits

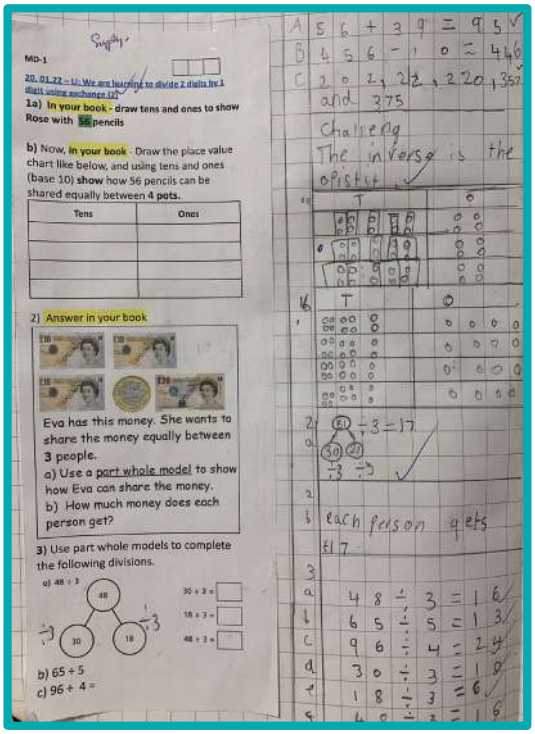
Ayla and Shoubhit - For their excellent work answering questions all about the tropics and the equator this week in Topic.
Kenishca - For showing hard work and perseverance this week in maths when exploring 2-digit by 1-digit division.
Malaki and Sanjana - For making a conscious effort to log into Doodle to collect stars and stay in the green zone.
Soraiyah and Amina - For working hard this week in science to conclude their investigation using key vocabulary.

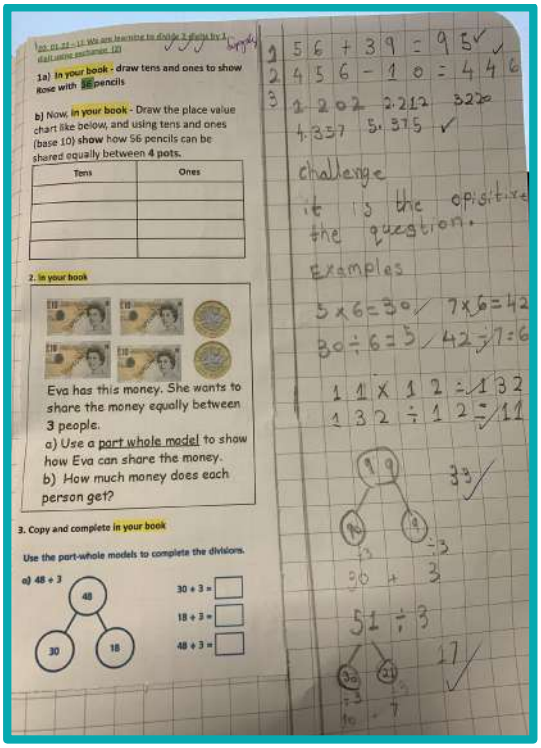
English

In English this week, year 3 have started to look at how we write a strong build up in a story. Next week in English we will be continuing our work on 'The Firework Maker's Daughter'. We will specifically be looking at thoughts and feelings of characters from chapter 3 and completing activities using the characters that appear in the chapter. We will be completing a comprehension activity and looking at key events from the chapter, which will lead up to children writing a thought bubble from a character's perspective.

Maths

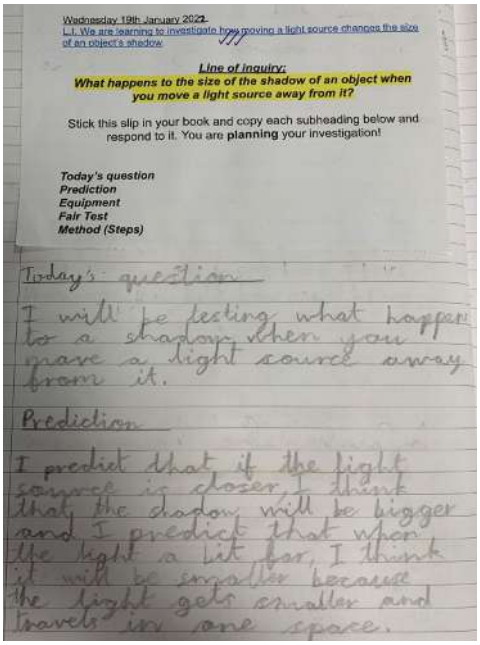
In maths this week, we have been trying to divide 2 digit numbers by 1 digit - including remainders. Children moved onto solving division problems with a remainder.
Links were made between division and repeated subtraction, which built on learning in Year 2. We asked questions like *how do we know 13 divided by 4 will have a remainder?* And whether a remainder ever can be more than the divisor. It is important for children to understand which methods are most efficient with larger two digit numbers.

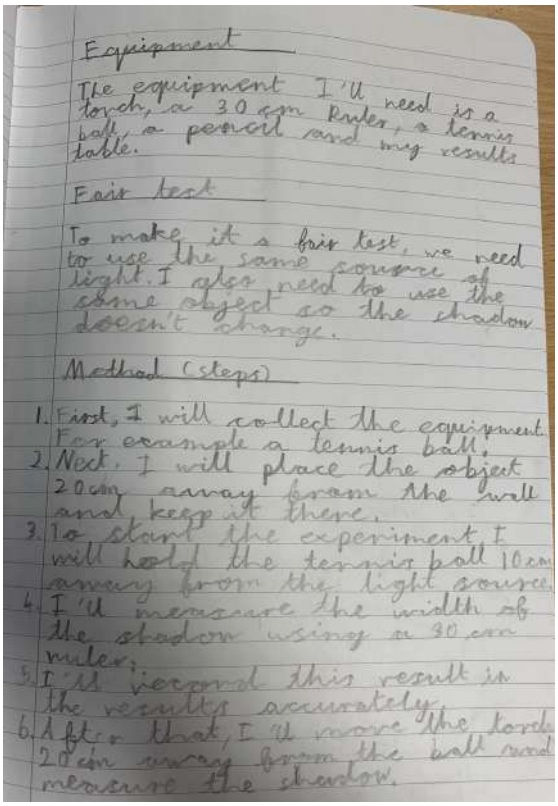




Science

This week in Science, the children have been writing conclusions to our investigation we carried out last week. During this investigation, we explored if moving a light source changes the size of an object's shadow. We used tennis balls, torches and a ruler to measure.





Equipment

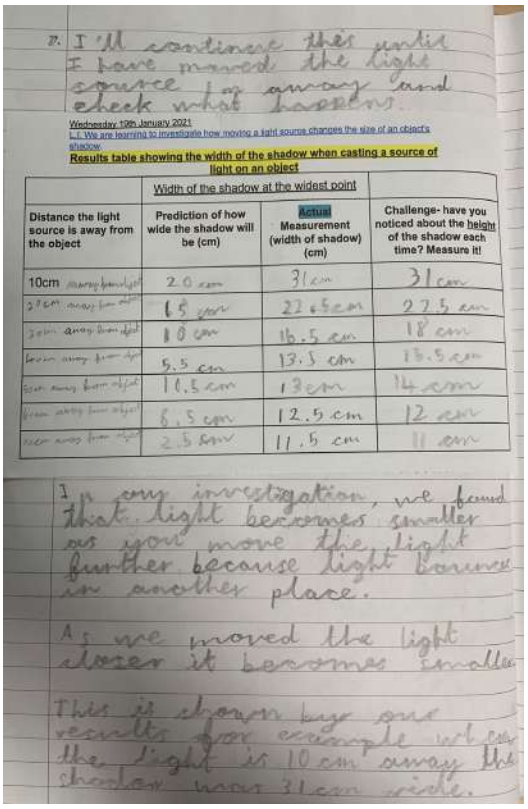
The equipment I'll need is a torch, a 30 cm Ruler, a tennis ball, a pencil and my results table.

Fair test

To make it a fair test, we need to use the same source of light. I also need to use the same object so the shadow doesn't change.

Method (steps)

1. First, I will collect the equipment. For example a tennis ball.
2. Next, I will place the object 20cm away from the wall and keep it there.
3. To start the experiment I will hold the tennis ball 10cm away from the light source.
4. I'll measure the width of the shadow using a 30 cm ruler.
5. I'll record this result in the results accurately.
6. After that, I'll move the torch 20cm away from the ball and measure the shadow.



7. I'll continue this until I have moved the light source far away and check what happens.

Wednesday 19th January 2021
L.I. We are learning to investigate how moving a light source changes the size of an object's shadow.

Results table showing the width of the shadow when casting a source of light on an object

	Width of the shadow at the widest point		
Distance the light source is away from the object	Prediction of how wide the shadow will be (cm)	Actual Measurement (width of shadow) (cm)	Challenge- have you noticed about the height of the shadow each time? Measure it!
10cm	20 cm	31cm	31cm
20cm away from object	15 cm	22.5cm	27.5 cm
30cm away from object	10 cm	16.5 cm	18 cm
40cm away from object	5.5 cm	13.5 cm	15.5 cm
50cm away from object	11.5 cm	13cm	14 cm
60cm away from object	6.5 cm	12.5 cm	12 cm
70cm away from object	2.5 cm	11.5 cm	11 cm

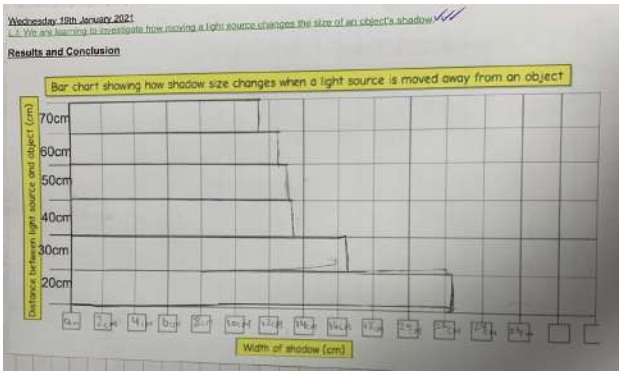
In our investigation, we found that light becomes smaller as you move the light further because light travels in another place.

As we moved the light closer it becomes smaller.

This is shown by our results for example when the light is 10 cm away the shadow was 31cm wide.

The results were recorded in their books and later plotted on as a bar chart. The children worked incredibly hard to carry out this investigation, which needed preparing, recording and concluding in their books. It was a lot of writing, but they worked so hard!

Do ask your children what their results were and if their predictions were correct. You can also explore this further at home - A light source and an object will work perfectly. Remember to quiz them by asking if the light source that is being used is natural or artificial too.



Wednesday 19th January 2021
L.I. We are learning to investigate how moving a light source changes the size of an object's shadow.

Results and Conclusion

Bar chart showing how shadow size changes when a light source is moved away from an object

Distance between light source and object (cm)

70cm
60cm
50cm
40cm
30cm
20cm

Width of shadow (cm)

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Homework and Spellings - Set on Thursdays, due on Mondays

All instructions for homework are shown on Google Classroom under the English, Maths and Spellings tabs.

For Maths and English homework we are Doodling! Can your child stay on green for 5 days to gain Dojos? Could your child's class be the winning Maths and English Doodling class next week?

The weekly spelling list will be on Google Classroom.

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Year 4

A very warm welcome to this week's year 4 newsletter. We have had a busy week this week completing a range of diagnostic testing in English and maths as well as continuing to work through a range of interesting subjects. We have been using think, pair, share in lessons this week to help us explore our thinking skills and develop our ability to respond to the learning orally. We have also been working on improving how we all share our ideas as a whole class and making sure we present our ideas in the best way possible.

Merits this week

Amber class
Laaysa for writing an amazing poem as part of her reading tasks.
Abdullahi for his improved confidence when answering questions in front of the whole class.
Mabel for continuing to work on her reading and helping other pupils in the class.
Analeah for settling in well into her new school and always trying her best.

Amethyst Class
Lukhanyo for his helpfulness when helping using the chrome books.
Zainab for her imagination and dedication to her idea of a book fair to help raise money for charity.
Yuhayb for his maturity this week when facing a challenge at break time but not letting it affect his work.
Shanelle and Natalia for their kindness this week when creating a club at break time for people who can't find someone to play with.

Obsidian Class
Shuayb for trying hard in science to investigate different pitch in sound by creating a panpipe.
Yahye for trying hard in science to investigate different pitch in sound by creating a panpipe.
Inaya for working very hard in booster sessions to improve her reading skills.
Ola for her hard work in Spanish to learn the names of different rooms in a house.
Mundhum for excellent effort in his reading tasks to retrieve information.

Moonstone Class
Razan - For being an excellent detective and spotting a pattern in the seven times tables.
Liyana - For her brilliant explanation on what the commutative law is.

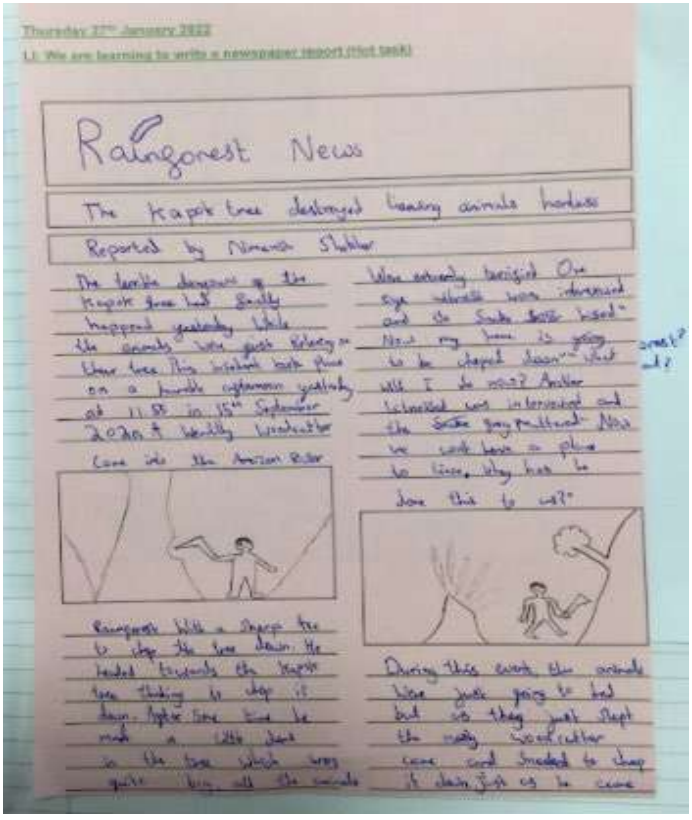
Leonardo - For his explanation on pitch and why faster/slower vibrations make a higher/lower pitched sound.
Shaurya M & Lily - For their excellent partnership in PE when performing their partner balances in gymnastics.

Whole Class

Class Dojo Points:
Amber: 460
Moonstone: 1027
Obsidian: 939
Amethyst: 578

English

This week in English, the children used their first drafts to write their newspaper article hot tasks. They worked really hard to include all the features of a newspaper article and make their newspapers interesting to read. The children have also been busy taking part in diagnostic testing to help inform the teachers what areas we need to work on as a cohort.



Thursday 27th January 2022

LI: We are learning to write a newspaper report (Hot task)

Raingorest News

The Kapok tree destroyed leaving animals homeless

Reported by Nevaeh Shelter

Wellington Weekly

Maths

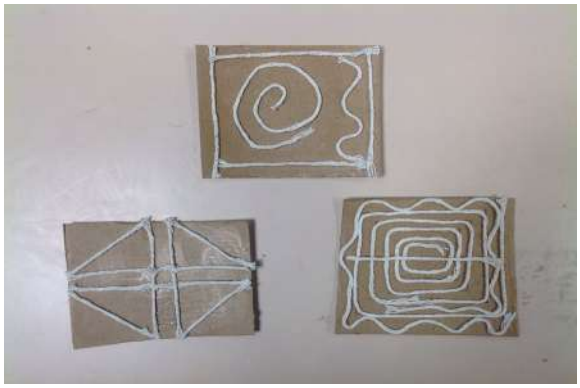
In Mathematics this week we have been taking part in a range of diagnostic tests. The children know not to worry about these tests and it's not about whether they pass or fail, it's all about providing the teachers with clear information of how best to support the pupils in their maths learning. The teachers use this information to adapt future lessons to target specific areas. We are continuing to work on our multiplication and division lessons as well focusing on using the knowledge we have of the 7 times tables to work out a range of problems.

Science

In science this week, children learnt about how high and low pitch can be created. They had lots of fun making panpipes to investigate how the length of the straw affects the pitch. Have a look at some of the amazing panpipes below!

Art

In art this week we have continued to develop our understanding of printing by creating our own string pattern boards. We drew simple pattern on the small cards and the stuck bits of string along the lines with PVA glue. Next week we will be using these to print out our patterns using a range of colours. It was great fun.



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Year 5

Year 5 have enjoyed a rather busy week this week. This week we have placed a lot of thought into using think, pair, share and encouraging children to use these skills to develop their learning and understanding of key topics. The children also applied their taught oracy skills to take part in discussions. In topic lessons they have continued to learn about Africa, in particular what life is like living near the Equator, in art they have been furthering their knowledge of collage and in Spanish they have continued to learn about the weather.

Merits Emerald Class:

Sara - For her write up predictions, observations and conclusions in her Science experiment separating corn flour from water.
Sarpreet - For explaining clearly how Sikhs worship their Gods throughout the day.
Subhan - For using oracy, sentence stems to structure a debate with his partner, taking on board and responding to his partner's views.
Sri - For using oracy, sentence stems displaying understanding of his partner's views.
Manat - For using oracy, sentence stems displaying understanding of her partner's views.
Navleen - For using oracy, sentence stems displaying understanding of her partner's views.

Merits Diamond Class:
Avni for persevering this week to understand how to work out the area of rectilinear shapes and using this knowledge to find the area of compound shapes.
Rehyla for working very well with her talk partner and developing their arguments for and against the discussion question.
Sara for working really well in science and encouraging her group to make careful observations during their investigation of dissolving
Ali for his work in maths, making links to previous learning when finding the area of compound shapes.
Shrihaas for making excellent contributions in ICT when discussing search engines and the advantages and disadvantages of voice activated search engines.
Temidayo for his excellent participation and listening in PE this week.

Dojo Points:
Diamond Class - 941
Emerald Class - 543

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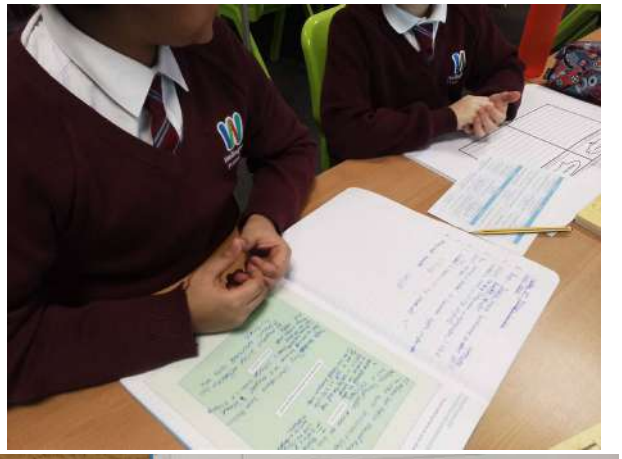
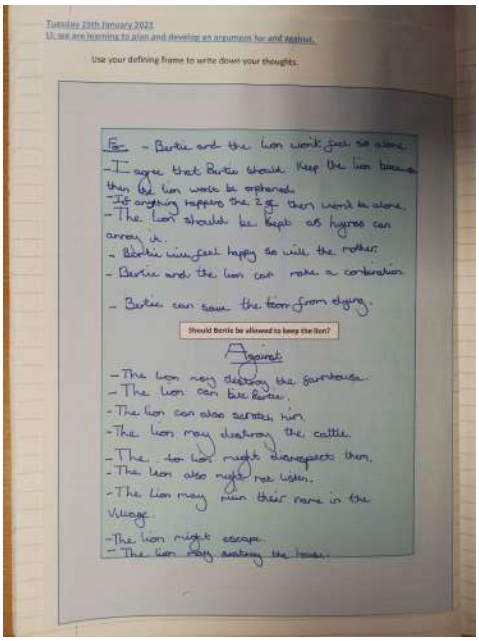
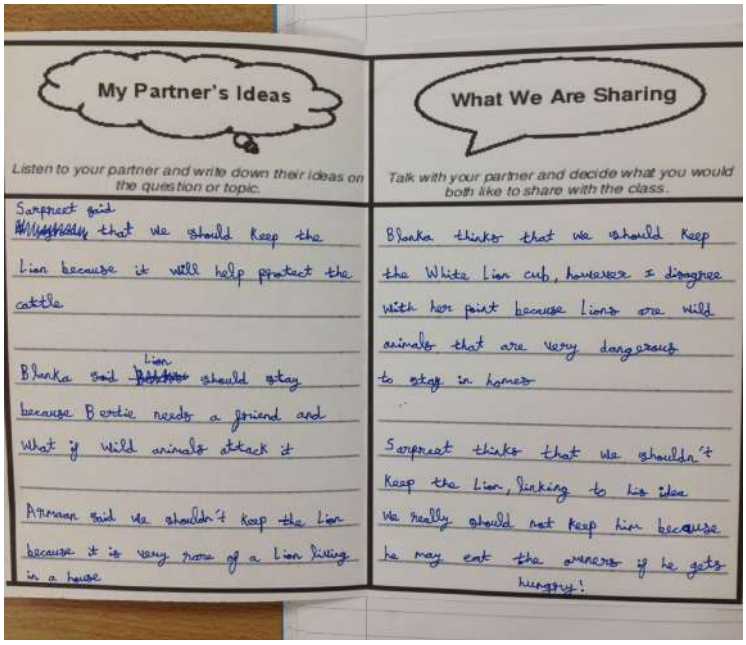
English

This week in English, year 5 have been busy continuing to read their class book The Butterfly Lion, the chapter where we discover that Bertie sees the lion and wants to keep it as it has been orphaned. In our lessons this week, we posed the question - Should Bertie be allowed to keep the lion? The children developed their arguments for and against, before sharing their ideas with a partner. They then went on to discuss their opinions in their table groups using sentence starters and vocabulary to develop their arguments. They certainly enjoyed their lesson and we really enjoyed listening to their ideas using their oracy skills.







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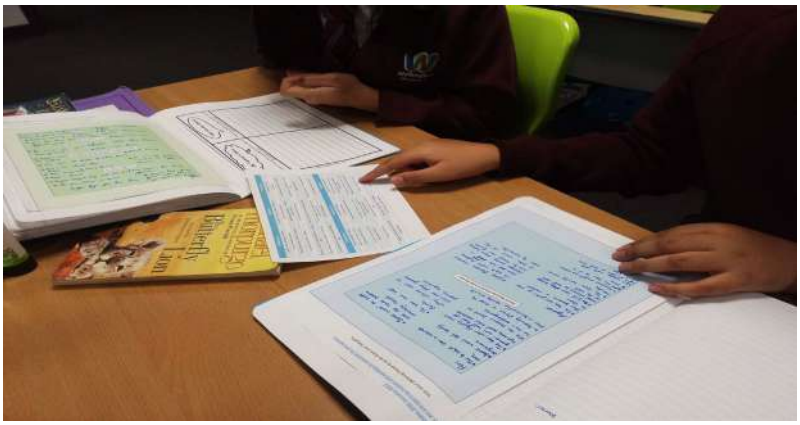
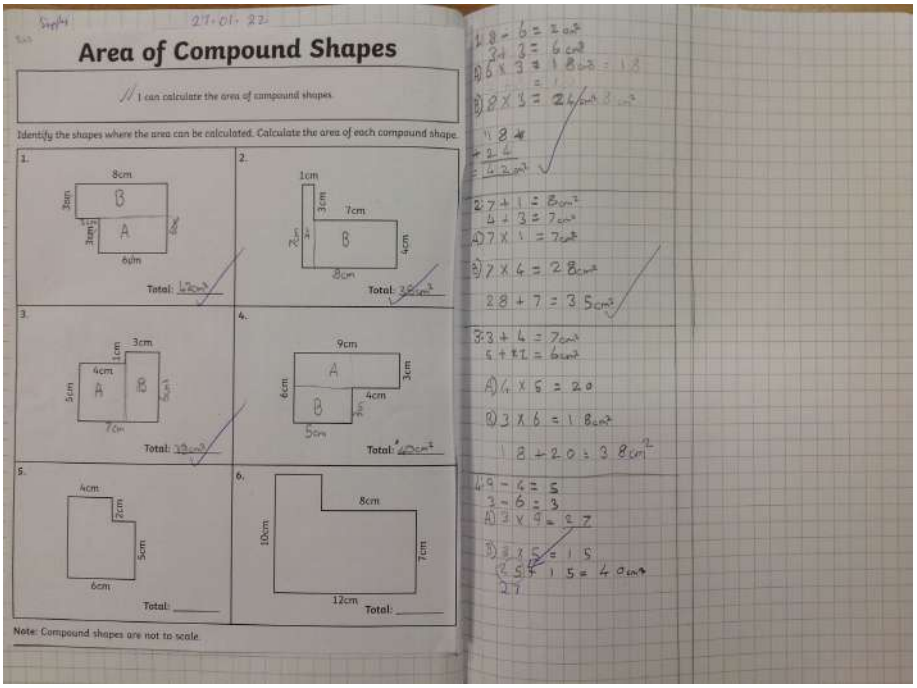


Maths

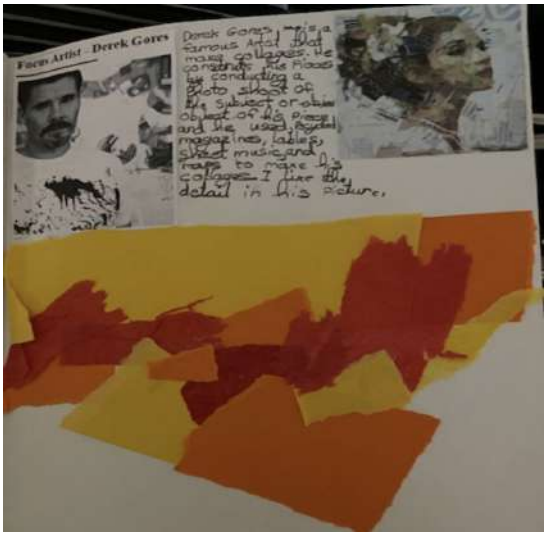
This week the children have been learning how to calculate the area of compound shapes. This consolidated prior learning and required the children to complete more complex calculations involving more than one operation. Children also learnt how to find missing lengths that would be needed to calculate the area of parts of a compound shape.

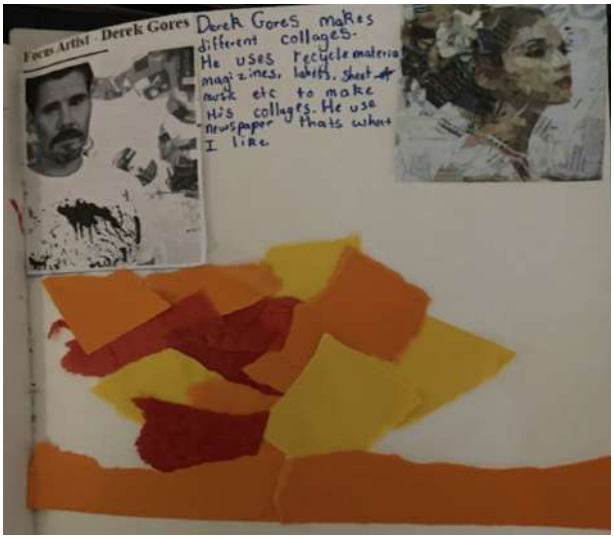


In the Spotlight: Art

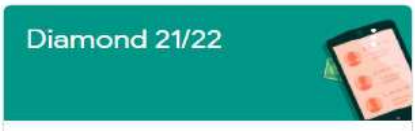
In Art lessons, children have been studying the artist David Gore to produce similar styles of work. The children have been very creative and the colors they have used are stunning. The

children created a resource by painting. After allowing this to dry, they then reused this painting to create a stunning picture of an animal that they had also sketched.





Homework



Homework details have been set on Google Classroom. Please check this week's homework with your child. Thank you.

Maths: **LI: we are learning to calculate the area of compound shapes.**

Task 1: Complete the questions in your Google Classroom.

Task 2: Complete the extras given to you this week. Get on and stay in the green zone.

English: complete your Doodle English Extra - Use of commas to clarify meaning or avoid ambiguity

Task 2: Complete your 5 a day and get into the green zone, this is to be completed every day.

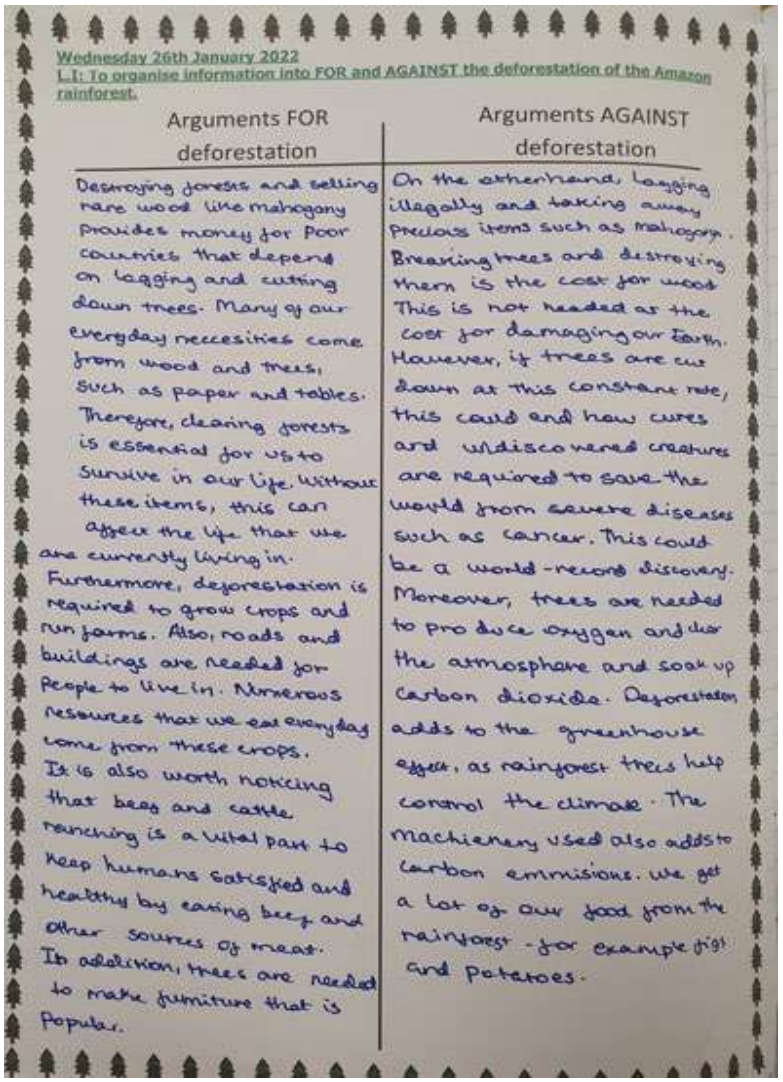
Spellings: On Doodle Spell - Homophones & Near Homophones. Spelling Test on Tuesday

Due date: 31.01.22

Wishing all our Year 5 families a very happy and restful weekend.

Year 6

Year 6 have had another busy week with lots of cross curricular learning. In English, the children have been completing some extended writing that links with the Amazing Americas topic. The children researched the different perspectives on deforestation and identified the reasons for and against cutting down trees in the Amazon Rainforest. Once they completed their research, the children started to write balanced arguments presenting these perspectives.



Wednesday 26th January 2022
L.I: To organise information into FOR and AGAINST the deforestation of the Amazon rainforest.

Arguments FOR deforestation	Arguments AGAINST deforestation
Destroying forests and selling rare wood like mahogany provides money for poor countries that depend on logging and cutting down trees. Many of our everyday necessities come from wood and trees, such as paper and tables. Therefore, clearing forests is essential for us to survive in our life. Without these items, this can affect the life that we are currently living in. Furthermore, deforestation is required to grow crops and run farms. Also, roads and buildings are needed for people to live in. Numerous resources that we eat everyday come from these crops. It is also worth noticing that beef and cattle ranching is a vital part to keep humans satisfied and healthy by eating beef and other sources of meat. In addition, trees are needed to make furniture that is popular.	On the other hand, logging illegally and taking away precious items such as mahogany. Breaking trees and destroying them is the cost for wood. This is not needed as the cost for damaging our Earth. However, if trees are cut down at this constant rate, this could end how cures and undiscovered creatures are required to save the world from severe diseases such as cancer. This could be a world-record discovery. Moreover, trees are needed to produce oxygen and clear the atmosphere and soak up carbon dioxide. Deforestation adds to the greenhouse effect, as rainforest trees help control the climate. The machinery used also adds to carbon emmisions. We get a lot of our food from the rainforest - for example figs and potatoes.

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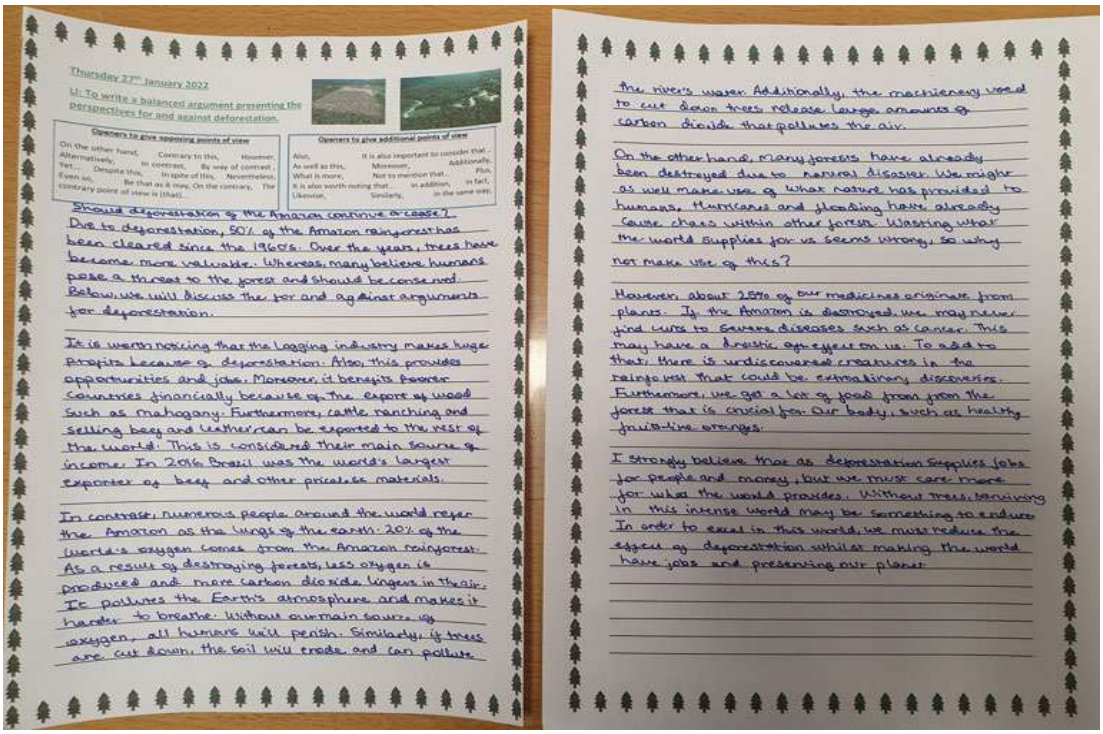


Thursday 27th January 2022

LI: To write a balanced argument presenting the perspectives for and against deforestation.

Openers to give opposing points of view

On the other hand, Contrary to this, However, Alternatively, In contrast, By way of contrast, Yet... Despite this, In spite of this, Nevertheless, Even so, Be that as it may, On the contrary, The contrary point of view is (that)...

Openers to give additional points of view

Also, It is also important to consider that... As well as this, Moreover, Additionally, What is more, Not to mention that... Plus, It is also worth noting that... In addition, In fact, Likewise, Similarly, In the same way,

Should deforestation of the Amazon continue or cease?

Due to deforestation, 50% of the Amazon rainforest has been cleared since the 1960's. Over the years, trees have become more valuable. Whereas, many believe humans pose a threat to the forest and should be conserved. Below, we will discuss the for and against arguments for deforestation.

It is worth noticing that the logging industry makes huge profits because of deforestation. Also, this provides opportunities and jobs. Moreover, it benefits poorer countries financially because of the export of wood such as mahogany. Furthermore, cattle ranching and selling beef and leather can be exported to the rest of the world. This is considered their main source of income. In 2016 Brazil was the world's largest exporter of beef and other priceless materials.

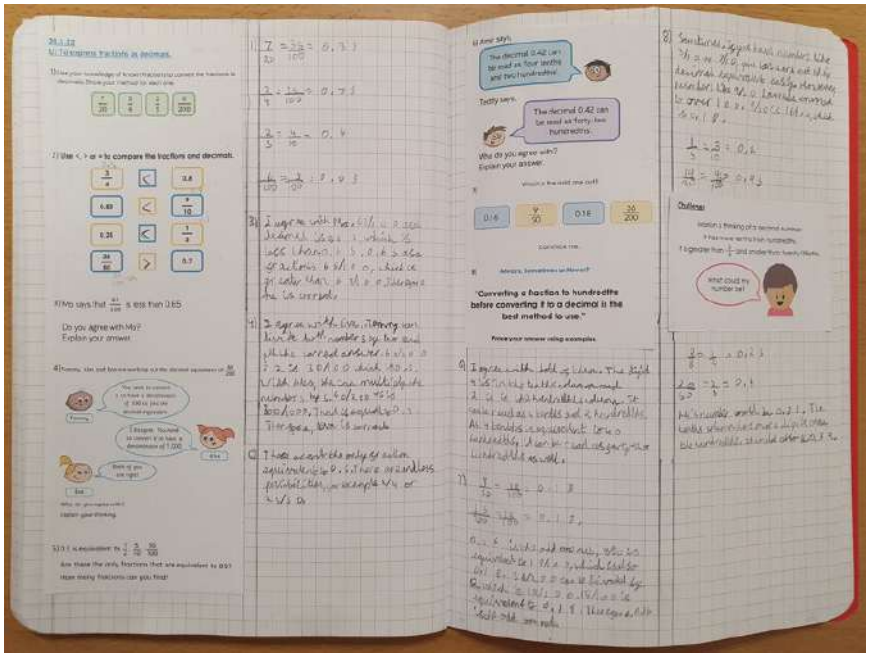
In contrast, numerous people around the world refer the Amazon as the 'lungs of the earth'. 20% of the world's oxygen comes from the Amazon rainforest. As a result of destroying forests, less oxygen is produced and more carbon dioxide lingers in the air. It pollutes the Earth's atmosphere and makes it harder to breathe. Without our main source of oxygen, all humans will perish. Similarly, if trees are cut down, the soil will erode and can pollute the river's water. Additionally, the machinery used to cut down trees release large amounts of carbon dioxide that pollutes the air.

On the other hand, many forests have already been destroyed due to natural disaster. We might as well make use of what nature has provided to humans. Hurricanes and flooding have already caused chaos within other forests. Wasting what the world supplies for us seems wrong, so why not make use of this?

However, about 25% of our medicines originate from plants. If the Amazon is destroyed, we may never find cures to severe diseases such as cancer. This may have a drastic ripple effect on us. To add to that, there is undiscovered creatures in the rainforest that could be extraordinary discoveries. Furthermore, we get a lot of food from from the forest that is crucial for our body, such as healthy fruits + veg etc.

I strongly believe that as deforestation supplies jobs for people and money, but we must care more for what the world provides. Without trees, surviving in this intense world may be something to endure. In order to excel in this world, we must reduce the effect of deforestation whilst making the world have jobs and preserving our planet.

In Maths, the children completed the Decimals unit. This week we have been converting fractions to decimals and vice versa. The children have now moved onto a new topic - Percentages. We have been converting fractions to percentages and will be moving onto finding fraction, decimal and percentage equivalents as well as calculating percentages of amounts.



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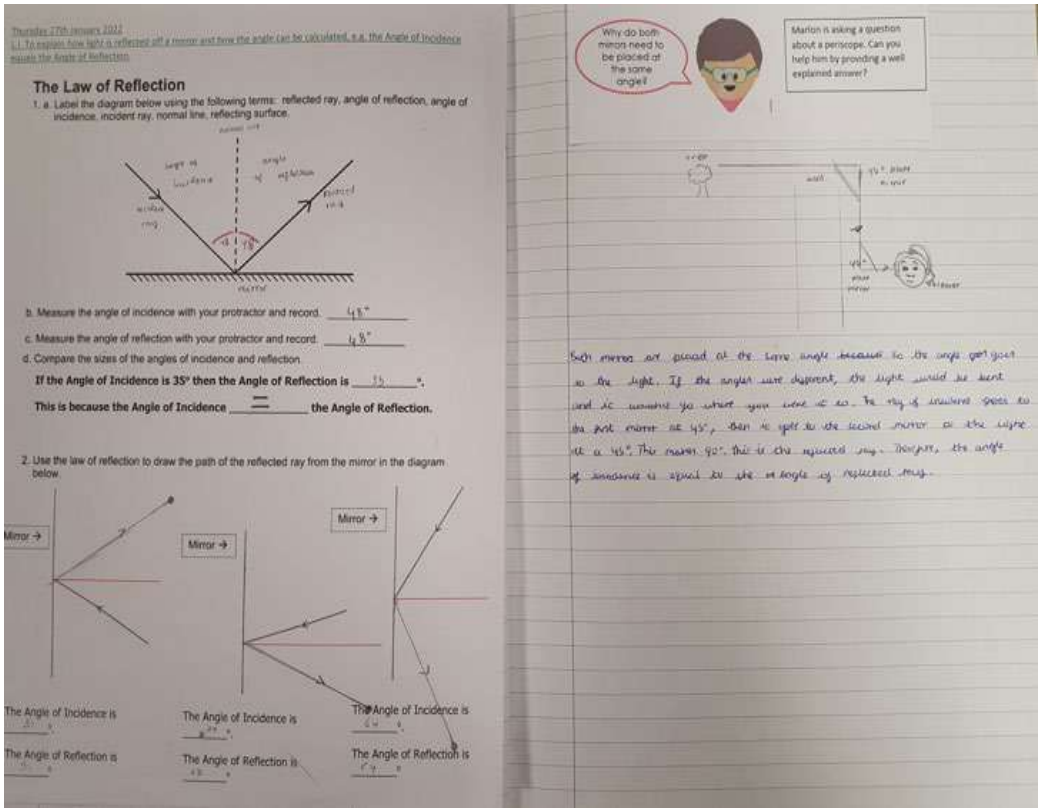
We have started a new unit in Topic- The Maya Civilization. Year 6 have been working on designing fantastic Maya headdresses.

In PSHE, Year 6 have been learning about Charity and how we can be charitable. They have been creating persuasive and informative posters to encourage people to donate to the British Heart Foundation.

We have been learning about Buddhism in RE and this week we learned about the Buddhist festival Vesak which celebrates the birth, enlightenment and Death of Buddha. The children learned about the various traditions of this festival and how it is celebrated differently around the world.

In Science, the children have continued learning about Light, and this week the focus was on reflection. They explained how light is reflected off a mirror and how the angle can be calculated. The children applied their Maths skills and used protractors to measure the angles of incidence and reflection.



Thursday 27th January 2022
L.I. To explain how light is reflected off a mirror and how the angle can be calculated, e.g. the Angle of Incidence equals the Angle of Reflection.

The Law of Reflection

1. a. Label the diagram below using the following terms: reflected ray, angle of reflection, angle of incidence, incident ray, normal line, reflecting surface.

b. Measure the angle of incidence with your protractor and record. 45°

c. Measure the angle of reflection with your protractor and record. 45°

d. Compare the sizes of the angles of incidence and reflection.

If the Angle of Incidence is 35° then the Angle of Reflection is 35°.

This is because the Angle of Incidence = the Angle of Reflection.

2. Use the law of reflection to draw the path of the reflected ray from the mirror in the diagram below.

Mirror → The Angle of Incidence is 35° The Angle of Reflection is 35°

Mirror → The Angle of Incidence is 45° The Angle of Reflection is 45°

Mirror → The Angle of Incidence is 60° The Angle of Reflection is 60°

Why do both mirrors need to be placed at the same angle?

Marion is asking a question about a periscope. Can you help him by providing a well explained answer?

Both mirrors are placed at the same angle because so the angle goes your so the light. If the angles were different, the light would be sent and it wouldn't go where you were it so. The ray is reflected goes to the first mirror at 45°, then it goes to the second mirror at the right it a 45°. The makes 90°. This is the reflected ray. However, the angle of incidence is equal to the of angle of reflected ray.

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Ruby

Amber- For her consistent enthusiasm and hard work in maths.

Alexandra - For her excellent work on converting fractions to decimals in maths.

Yusuf - For his hard work and progress in maths.

Opal

Hashbir- For making fantastic connections when learning about fraction and decimal equivalents.

Kian and Anusha - For writing a super opening paragraph to a balanced argument on deforestation.

Dojo Points:
Opal = 223
Ruby = 216

HOMEWORK this week is on Doodle Maths and Doodle English.