

Thursday 16th December – Online learning

If you are feeling well enough today, have a go at the online learning below! Try to also complete 20 minutes of reading if you can, but make sure you get plenty of rest. That takes priority. If you do complete the online learning today, please get in touch and send in images via ClassDojo; I would love to see how you have found the tasks!

Take care,

Miss Secker 😊

Morning activities

Maths

O LO: Can I complete a variety of word problems to sum up our learning from this term?

Over this week, I will be posting a range of word problems for you to complete during maths that link to our learning over the term. Try to complete as many as you can thinking back to the knowledge we have covered this term. See below for the word problems for today:

17

Cara and her Mum are travelling to visit her Grandparents on Christmas eve from Manchester. They live 387.8km away in Exeter. They drive for 215.92km then they stop to get a sandwich.

After another 72.04km they have to stop to buy a last minute Christmas present for Grandad. How far do they have left before they get to Cara's Grandparents?

18

Calculate the value of the purple and blue Christmas presents:

$$\begin{array}{c} \text{📦} + \text{📦} + \text{📦} \\ = \text{£}12.75 \end{array}$$

$$\begin{array}{c} \text{📦} + \text{📦} + \text{📦} \\ = \text{£}21.05 \end{array}$$

$$\begin{array}{c} \text{📦} + \text{📦} + \text{📦} + \text{📦} \\ = \text{£}41.40 \end{array}$$

19

A factory needs to make 70 632 Christmas crackers for next day delivery. The morning workers make 26 935 crackers and the afternoon workers make 27 308; how many Christmas crackers will the night-time workers need to make?



20

This is a recipe for making a Christmas chocolate cakes. It makes enough for 8 cakes.

- 400g Light brown sugar
- 400g plain flour
- 8 teaspoons cinnamon
- 4 tablespoons warm water

Sophie uses 1.2kg plain flour to make a giant pudding for everyone in her family. How many cakes does she make?
How much sugar would she need to make 6 cakes?

English

O LO: Can I continue to write my fantasy fiction story?

O LO: Can I proofread and edit my fantasy fiction story to check that it makes sense and interests the reader?

Take some time today to finish writing your story. Then, make sure that you proofread carefully, checking for accurate SPaG and that your sentences make sense. If it helps, you can read your work out to yourself or another person to spot your expression as you read. This will help you recognise where you need to naturally pause or stop, which will show you if you are missing any puncta

STORY CHARACTERS	
A well-chosen name	
Characters actions hint at what they are like	
Powerful verbs to show feelings and behaviour	
Dialogue gives more information about characters	
I have written about my characters inner thoughts and feelings	

STORY EVENTS	
I have made events interesting to make the reader read on	
Events are linked within paragraphs	
Complex sentences	
Short, simple sentences used for effect	
Actions and descriptions	
Similes to describe somebody's reaction	
Metaphors to describe characters feelings	

STORY OPENING	
I have hooked the reader with an interesting opening	
I have made the reader ask questions about the story	
I have included dramatic actions	
I have introduced something intriguing	

STORY PROBLEM	
There is at least one problem to be resolved	
I have built up an atmosphere through description	
Dialogue to add extra information	
Senses used to develop character and plot	

STORY RESOLUTION	
Refers back to opening	
The problem is solved	
The character has learnt something or has changed	
Unexpected help to resolve the problem	

STORY SETTING	
The place has a name	
Details make the place believable	
I have described: the weather	
The time of day	
What can be seen	
What can be heard	
What can be felt	
Adjectives build up an atmosphere and allow reader to picture the setting in their head	

STORY TENSION	
Short sentences for effect	
Suspense built up (eg <i>Without warning...</i>)	
Ask reader questions (eg <i>What was that noise?</i>)	
Scary sounds (eg <i>howling</i>)	
Descriptions of places (eg <i>The gloomy room/chilly air hung in the hallway</i>)	
Words used for effect (eg <i>Silence! Deadly!</i>)	
Certain things hidden from reader (eg <i>how the window was smashed</i>)	

I have also included below a copy of the success criteria that the class and I created in the lesson yesterday. Refer to this for any top tips on how to make your story as exciting as possible!

Success criteria: SPaG - really important for clarity!

Capital letters, full stops, commas
Mark in margin if needed!

Paragraphs - new theme, topic, idea,
setting.

Chapters - if you
wish

Effect: Creating a feeling of "I can't put this story down."

Build description
through a variety
of adjectives,
similes, metaphors

Dialogue - new
line if new speaker

Purpose: To build tension,
To grip the reader suspense, humour
To make the reader feel on edge
To feel inspired

Pause, read back and
edit (green pen)

Formal vs
Informal language

Giving a recommendation

Keep in the same
tense

Formal = standard English

Keep in the same
person

Informal = contractions, acting as if you are talking privately to a friend.

Afternoon activity

Science

O LO: Can I create a String or wool orrery to show my knowledge of the planets and their placement in our solar system?


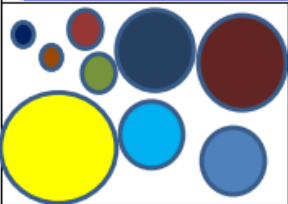
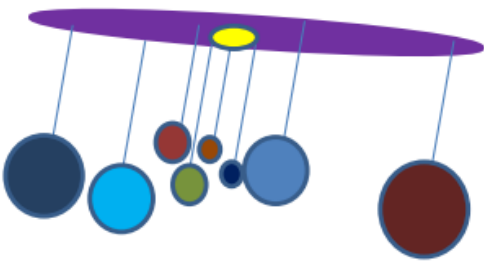
To round off our learning in science this term, we are going to create our own models of the Solar System by creating an orrery! Read the instructions below to create one. Don't worry if you do not have the exact resources at home. You could always bring part of your model from home into school with you on your return so that we can put it together then!

Instructions for making an orrery

Equipment

- A round piece of cardboard about 30cm in diameter
- Thick coloured card
- Scissors
- Sticky tape
- String or wool
- Paints and paintbrushes
- A geometry compass

Instructions

	<p>1. Mark the centre of the card circle and use the compass to draw the 'orbits' of the eight planets. Make sure that the first four planets are towards the centre (the sun) then ensure you have a gap (asteroid belt) before drawing the four outer orbits towards the edge of the circle.</p>
<p>2. Punch a hole on each orbit (this is where you will hang your planets) and one at the centre of the circle for the sun. Check online where the planets currently are positioned if you like and try to replicate this with our holes (http://www.theplanetstoday.com/)</p>	
	<p>3. Create your Sun and each of the planets by cutting out the coloured card ensuring they are all relatively sized to one another - they won't be to scale as this is not possible. Paint the planets according to their appearance, think back to your planet painting during the last session.</p>
<p>4. Label each planet decoratively, then make a small hole toward the top of each. Tie string or wool through this hole then attach you planets to their correct 'orbit'</p>	
	<p>5. Tie string to the top of the card circle so that you can hang your orrery.</p>