

Year 6 – Week 4

Monday 27th April – Friday 1st May

Suggested daily timetable:

8:35am	Morning work
9:00am	Live PE lesson with Joe Wicks https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ
9:30am	Reading
10:00am	Writing and grammar
10:45am	Assembly
11:00am	Break
11:15am	Maths
12:15pm	Lunch
1:15pm	Topic (including science, PE, geography, history, music, DT, art, RE, French, computing etc)

Message from Ms Tremlett:

Hello children and parents,

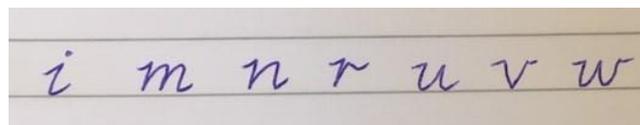
I hope you are all keeping well and looking after each other during these difficult times. Hearing from you and seeing pictures of your work has really cheered me up. Please continue to keep me updated on ClassDojo or email me at ggyear6@ggfederation.org, and don't forget to message me if you need any help with your learning.

Here are some suggested activities for you to complete this week. As well as the activities below, I will continue to upload a daily learning challenge on ClassDojo, so make sure you check it every morning!

Miss Tremlett

Morning work

- Practise the following letters. First write each letter correctly three times. Then practise joining the letters in words – write a line of words containing the letter i, then a line of words containing the letter m etc. Remember to keep your letters a consistent height and on the line.
- This week's spelling focus is words beginning with **dis-**. We have looked at these words in class before so I'm sure these will be easy activities for you! Remember **dis-** is a **prefix that means not/none**.
 - 1) Make a list of all the words that you can think of that start with dis.
8+ words = good 12+ words = great 15+ words = amazing!
Then check your spellings in a dictionary or on the internet.
 - 2) For each of your words, remove the prefix to find the antonym (opposite) of your words.
 - 3) Create a crossword or wordsearch using your dis- words.
 - 4) Here are some dis- words that may be new to you. Look them up to find their meanings, practise spelling them three times, then use them in a sentence:
Disgruntled Disproportional
Disarray Dispatch
Disband Disentangle
Disembark Dislodge
 - 5) Enjoy the dis- meme.



Reading

- Complete the BBC reading lesson on 'To Be A Cat' by Matt Haig -

<https://www.bbc.co.uk/bitesize/articles/zbkbgwx>

There are three activities based on the extract from the story.

If you wish to read the full book, you can find it here: <http://onlinereadfreenovel.com/matt-haig/52207-to-be-a-cat.html>

- Continue your reading journal from last week. This week, add a new section: vocabulary. As you are reading, note down 10 words or phrases that you like. Why are they effective?
- Complete some 'KS2 Reading' nuggets on Century.
- Read on Bug Club and answer the questions about the book.

Writing

- This week I challenge you to **write an argument**. You can either write it base on your own topic, or use the question '**Should doctors be paid more?**'
Your argument can be balanced (eg paragraphs for both sides) or unbalanced. To start you off, here are some facts that can help inform your argument.
 - 1) Doctors get paid an average of £78,000 a year, which is twice the UK average wage
 - 2) Junior doctors' starting salaries are around £30,000 per year
 - 3) Doctors have to go through at least 10 years of training before they are fully qualified
- Have a go at one of the 10 minute challenges on Authorfy. I've previously recommended one by Abi Elphinstone and you might also like one by Ross Welford as I know some of you have read his books from the book corner: <https://authorfy.com/10minutechallenges/>
- Complete some 'KS2 grammar' nuggets on Century

Maths

- Last week you began to learn about **shape, geometry** and **angles**. If you have not already completed the White Rose angle lessons, go through the Summer Term week 1 activities at: <https://whiterosemaths.com/homelearning/year-6/>
- Use the internet or revision books to revisit **regular polygons**. What are regular polygons? What is the special name for a regular triangle? What about a regular quadrilateral? Complete the White Rose activities for Angles in Regular Polygons. Then investigate which regular polygons tessellate (fit together without gaps) at: <https://nrich.maths.org/6069>
- Complete your assigned activities on Mathletics.
- Try to top a leaderboard on the PiXL times table app.

Lesson 2 - Angles in regular polygons

Number of sides of polygon	Name of polygon	Sum of internal angles
3	Triangle	180°
4	Quadrilateral	360°
5	Pentagon	



Assembly/PSHE/RE

- Try completing one of the ELSA home learning challenges: <https://www.elsa-support.co.uk/wp-content/uploads/2020/04/Coronavirus-home-challenge-2-1.pdf>. My favourite is an A-Z about me poem. You can do this by writing the alphabet down the side of the page and then for each letter, writing a positive word or phrase about yourself. For example:
Artistic
Brilliant
Confident etc
- Watch Newsround then discuss what you have watched with someone at home.
- Read a news article (online at <https://www.bbc.co.uk/newsround> or in the paper) then discuss with a family member.
- Try a mindfulness, yoga or meditation for kids session on Youtube.

Topic

- **Science:** This week's challenge is from the famous inventor James Dyson and his science foundation. If you haven't heard of him before, he's the man who invented Dyson hoovers.

Watch the video for Challenge 3 on his website:

<https://www.jamesdysonfoundation.co.uk/resources/challenge-cards.html>

Can you use inspiration from the video to create your own marble run? See more challenge information below. Check out YouTube marble run videos for more inspiration, like this one!

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

MARBLE RUN

ENGINEERING CHALLENGE 02

Designed by Coco,
Design engineer at Dyson

The brief

Use a cardboard box and cardboard struts to create a marble run. The marble must run for 60 seconds.

The method

1. Use sticky tape to attach the cardboard struts to the cardboard box, creating a run for the marble.
2. Place the marble at the top of the run and time how long it takes for it to reach the bottom.
3. Keep improving your design until the marble takes exactly 60 seconds to reach the bottom.

Top tip

If you can't find cardboard struts, make your own by folding four inch wide strips of cardboard in half to create a V shape.

Materials

Large cardboard box

Cardboard struts

Sticky tape

Marbles

Scissors

(with adult supervision)

How does it work?

To help you to control the time your marble takes to run its course you'll need to consider a few factors:

Potential energy = mass x gravity x height

The heavier your marble and higher your slope, the more energy your marble will have.

Friction

The rougher or stickier the surface, the slower your marble will travel.

Angle of the slope

The less steep the angle of the slope, the longer the marble will take to reach the bottom.

