Home Tasks- Summer 1: Week 1 and 2

We hope you are staying well and healthy Year 6. Here is some more work for you to complete over the first 2 weeks of this half term (Summer 1). Good luck and if you have a question please email your teacher.

Maths:
- Try the following questions, which are with this pack... Questions 4, 5, 9, 10 and 11 (At the bottom of this word doc).
- Try the 4 Roald Dahl themed worded problems (At the bottom of this word doc).
- How many different two-dimensional shapes can you make by fitting together 6 square tiles.
- What’s the same about 16 and 36? Write down as many answers as you can think of (How creative can you get?)

Literacy:
- Can you identify 5 features you would expect to see in a Non-Chronological report and a fictional story?
- Use your Topic research to create a Non-Chronological report (Using 3 paragraphs) on carbon footprint, climate change and how climate change is changing our world.
- Write a story with the title ‘The Mystery Corridor’. It can be any genre of your choosing.

Guided Reading:
- There is a comprehension to complete for Poetry (The Charge of the Light Brigade) and Fiction (The Holiday). (These are attached as a PDF)
- Continue to read at least 20 minutes every day and record in your reading record, or at least a page in your workbook if you do not have you record with you.

SPaG:
- As a way to memorise the following, create a poster on the different uses of a semi-colon, colon and a dash. Be clear and provide example sentences for each.
- Have a go at the test questions, SPaG Test 1 (This is attached as a PDF).
- Identify one area of SPaG you would like to revise in the future and why? take note of it (This will be used in Week 3 and 4).

**Science:**
- Fabulous Fossils!
Research from a variety of sources, what fossils are and how they are made! Draw a diagram or sketch explaining this and perhaps also even draw a picture of an interesting fossil that you have stumbled upon on the internet!
- Fossils and their secrets!
Fossils are a great source of information - they tell us a lot about what animals were like millions of years ago. We can use this information to then see how the same species of animal has changed since then. Reasons for these changes could be because their habitats also changed. With this information - research how a species has evolved (changed) compared to a fossil of the same species that has been found. This can be an animal or a plant! Feel free to include drawings and diagrams on your research!

**Topic:**
- Can you define the term ‘Carbon footprint’? What causes climate change and carbon footprints?
- Use the WWF (World Wide Fund for Nature) carbon footprint calculator. Record your own results.
- How could climate change affect London? Show this however you choose and give reasons for any changes that you identify.

R.E:
- Forgiveness
Watch the video clip about the story of Jesus and his crucifixion. [https://youtu.be/HL8R158Ujp4](https://youtu.be/HL8R158Ujp4)
Christians believe that they have been forgiven of all their sins because Jesus washed them away when he died on the cross. Easter is a celebration of this. Write a short summary on the crucifixion story and reflect on why forgiveness is so important. Think about a time when you were forgiven for something, and when you forgave someone else for something - and how that made you feel. Write a paragraph or two explaining this.

- Compassion
Easter is a time when Christians remember the compassion and love that Jesus has towards people. Write a definition of what compassion means to you. Explain why you think compassion is so important to have and what life would be without it.

**PSHE:**
- Get into a routine of having 5 minutes to sit in silence and relax. This can be with quiet, relaxing music, in silence, or however you find it relaxing.
- Mindful tasting: Choose 1 savoury food, 1 sweet food and one drink of choice. Note down 5 adjectives to describe its taste for each.
- Mindful listening: Choose a song of your choice, listen to it once through fully and then a second time, take notes on instruments used, how the song makes you feel and anything else you notice.

**Art:**
A full post for this activity is on the Year 6 blog. You are going to be designing and creating your own hanging mobiles from resources you have at home.
Task 1- Research the collages of Henri Matisse. Choose one of his pieces that you like and recreate this. Take notes on what this piece of art reminds you of.

Task 2- Research the mobiles created by Joan Miro. Choose one piece of work and recreate it.

Task 3- Design your own mobile shape by looking at the shapes of plants and leaves around you. Draw your design on a piece of paper. Try to include colour scheme ideas too.

Spanish
- Log into LanguageNut and complete the next 2 topics.

P.E:
- Make sure you are taking part in 30-60 minutes of movement/exercise each day... This could be indoor exercises, or a walk/jog with a family member. A really good resource is Joe Wicks! Go onto YouTube and search for PE with Joe. Either way, keep active! It will help your bodies and also help you to stay positive and reduce stress, while we are in lockdown.

Have fun completing these activities. Please make sure you are staying inside, unless essential and with family. Keep washing your hands and stay safe!
Kirsty, Seb and Mina made toffee apples to sell at the school fair.

They made 80 toffee apples altogether.

Kirsty sold 12 toffee apples.

Seb sold 25 toffee apples.

Mina sold 17 toffee apples.

How many toffee apples were left?

Kirsty sold her 12 toffee apples for 50p each.

How much money did she collect?
Here is a number machine.

\[ 4 \rightarrow +3 \rightarrow 7 \rightarrow \times 2 \rightarrow 14 \]

Here is another number machine.

Write the four missing numbers.

\[ \square \rightarrow +3 \rightarrow \square \rightarrow \times 2 \rightarrow \square \rightarrow +3 \rightarrow \square \rightarrow \times 2 \rightarrow \square \]
9 Shade \(\frac{1}{4}\) of this shape.

10 Complete this table to show the numbers rounded to the nearest 100

One has been done for you.

<table>
<thead>
<tr>
<th></th>
<th>rounded to the nearest hundred</th>
</tr>
</thead>
<tbody>
<tr>
<td>316</td>
<td>300</td>
</tr>
<tr>
<td>3162</td>
<td></td>
</tr>
<tr>
<td>31628</td>
<td></td>
</tr>
<tr>
<td>316281</td>
<td></td>
</tr>
</tbody>
</table>
Kirsty draws this shape on a grid.

She turns her grid one quarter turn clockwise.

Draw the shape in its new position after the turn.

Use a ruler.
1. How old is Grandma? George is 8 years old. George's dad is 5 times older than Grandma. George's Grandma is three times older than George.
2. How much will the boots he buys cost him if they cost £8 each pair and he needs to spend on boots? The centipede has 45 pairs of feet. Each pair costs him £8.
3. Mrs. Twist's walking stick measured 85cm. Twist added 4cm of wood to Mrs. Twist's walking stick.
4. How many bowls of cabbage soup in a year? Every day, Charlie bucket 3 bowls of cabbage soup. If there are 365 days in a year, how many bowls of cabbage soup will Charlie eat in a year?