



## Year 6 Home Learning Grid – Week beginning 11<sup>th</sup> May 2020

### Maths

LO: I can multiply and divide with fractions.

#### Computer-based activities

##### **Consolidate:**

Revise how to multiply and divide with fractions – watch the videos and try the tasks:

<https://www.bbc.co.uk/bitesize/articles/zbh6hbk>

If you find this tricky, have a go at the non-computer based task instead.

##### **Core:**

Watch the videos and see if you can follow the process:

<https://whiterosemaths.com/homelearning/year-6/>

➔ **Summer Term - Week 4 (w/c 11th May)**

If you get stuck, go back to the consolidate step and use the videos to help.

#### Non-computer based activities

##### **Consolidate:**

1. I am making dinner for my family. Each person will have 2 sausages. There are 4 people in my family. How many sausages will I need?

We can draw the problem or we can write it as an equation like this:  $2 \times 4 = 8$

2. Now, each sausage is cut into 4 equal parts. Each person only eats  $\frac{3}{4}$  of each sausage. How much sausage does each person eat?

Again we can draw the problem or write it as a number sentence. (Remember, the multiplication sign means 'of' in this case.)

$$\frac{3}{4} \times 2 = 1 \frac{1}{2}$$

### English

#### Reading

Read the information at the site below:

*What was it like to live in an ancient Greek family?*

<https://www.bbc.co.uk/bitesize/topics/z87tn39/articles/zc8yb9q>

Answer the following questions:

- What was the climate like in Greece?
- What types of work did people do in the time of the ancient Greeks?
- List three features of a Greek home.
- What differences might you notice in a rich person's home compared to the poor?
- What is a *chiton*?
- What types of toys did children play with? Were any similar to those we use today?
- What types of foods did people eat at this point in history?

Additional reading:

- Read at least 20 minutes per day, either your own books or on Bug Club.

#### Spelling

- Challenge words to practise:  
achieve   bargain   controversy  
disastrous   foreign   interfere  
nuisance   programme   secretary  
temperature
- Complete the spelling task on Spelling Shed

### Science

Question: *Ask question: Why do shadows change as the day progresses?*

Home learning task: Choose a bright day for this task. Place a tall object outside. This object should not be moved during the experiment. Measure the length of the shadow every hour, from 9am to 3pm, and record in a simple table. Whenever you take a measurement, place a marker on the ground to show where the shadow was at that time. What do you notice? Describe the two main changes to the shadow. Then explain why this happens using scientific language.

Can you create your own fraction question? Can you demonstrate it practically to a member of your family - can they answer it? Can you write the equation to solve it?

**Core:**

I cook 3 pizzas and cut them into fifths. I eat 4 pieces. Mum has the same and so does my brother.

**1. How much did the 3 of us eat altogether?**

*Draw this - use either pictures or bar models.*

$$4 \text{ fifths} \times 3 = \quad \text{or} \quad 4/5 \times 3 =$$

**2. Explain how this calculation fits the question and then calculate and show the answer.**

Again, draw this - it will help show your thinking and check your answer.

**3. How much pizza was left over?**

Draw this and then write this as a fraction.

**Extend (do the core task first):**

**4. My brother and I want to share the remaining pizza. My brother says**

*'There are 3/3 remaining so we get half a pizza each'.*

Is my brother correct? Explain. (This should include one drawing.)

How much is actually remaining?

**5. If there was 3/5 remaining, how much pizza would my brother and I get?**

Explain and show your method (this will probably include a bar model).

**6. My brother is still hungry!**

He finds 6/8 of a bag of sweets in the cupboard which has 36 sweets in it, but the whole family want to share them. What fraction of the whole bag does each of the four family members get?

Explain and show your method.

**Writing**

Think about what you found out in your reading task -

*What was it like to live in an ancient Greek family?*

<https://www.bbc.co.uk/bitesize/topics/z87tn39/articles/zc8yb9q>

The website below will also provide lots of information about the ancient Greeks:

<https://www.bbc.co.uk/bitesize/topics/z87tn39>

**TASK:**

Create a piece of writing based on your research.

You can choose either:

- To write a range of short diary entries from the perspective of a person in ancient Greek times – choose to write as an adult or child, a rich or poor (they could have a specific job / role e.g. farmer, soldier, actor etc.)
- To write a letter / postcard to a family member from the perspective of a child living in ancient Greece – talk about you day, what you will be doing over the coming days etc.
- To write a non-chronological report about daily life in ancient Greece

**Extend challenge:**

Choose one of the following options:

- Write diary entries from contrasting perspectives (for example, rich / poor, soldier / slave)
- Write a letter from the perspective of an ancient Greek to an audience of your choice – use the correct level of formality and that the reader can hear the voice of the writer (think about the greater depth examples of writing)

## History

**This week, you are going to explore the Olympics, something you may have already researched for History.**

**Read about the Olympics here:**

<https://www.bbc.co.uk/bitesize/topics/z87tn39/articles/z36j7ty>

### TASK 1 – Research and Explore:

Find out as much as you can about the Olympics. You can present your work however you wish – this could be with or without a computer.

### TASK 2 – Olympic Event:

As we are all having to stay at home at the moment, what fun sporting activity can you come up with that we could all take part in from the safety of our own homes?

Tell me about the best event you can come up with. You could:

- Make a video explaining / demonstrating your sport
- Create a set of instructions explaining how to take part in your event

## PSHE

As we are currently all at home, we are having to rely more on technology and the internet to keep in touch, complete work and occupy some of our time.

For these reasons, our online safety is more important than ever.

Think about the key advice you would offer to someone to help them stay safe online – this could be a child doing school work from home, an older family member using online services they are not familiar with or for any other audience.

You can present your advice in any way you wish – the more creative, the better!

You could:

- Create a poster (either on the computer or using paper and pens)
- Create a PowerPoint presentation
- Record an online safety report (like you might see on Newsround)

## Art

### **Ancient Greek Artwork**

Research the art and culture of the ancient Greeks using the website below:

<https://www.bbc.co.uk/bitesize/topics/z87tn39/articles/zgpdjxs>

**Look at the website below to find out more about the artwork of the ancient Greeks, in particular vases:**

[http://www.ancientgreece.co.uk/dailylife/explore/exp\\_set.html](http://www.ancientgreece.co.uk/dailylife/explore/exp_set.html)

**Choose one of the vase designs from the website above and have a go at reproducing it – try to personalise it.**

**You can do this in any way you like – here are some suggestions:**

- Use a painting software on the computer,
- Use paper and any media you want – pens, pencils, paint etc.
- Cut out a vase from card and decorate it