

## Year 6 Weekly Homework

### Topic: Rivers and The Water Cycle

Your homework is your choice! There are 9 challenges to choose from below. Please try and complete 6 challenges this week.

#### Challenge 1

##### PSCHE-Rights of the Child

###### Birthday Rights

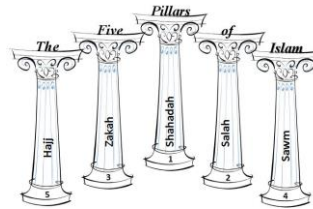
Research the article from the UN Convention on the Rights of the Child for the day of your birthday e.g. if your birthday is on the 14<sup>th</sup> June, search for article 14. Design a poster to explain what the article is and why it is important for children around the world. **Some articles may contain sensitive themes.**



#### Challenge 2

##### RE-Islam

Look at 'The Five Pillars of Islam'. Find out what each pillar represents for Muslims.



#### Challenge 3

##### Maths-Problem Solving

There is a 25% reduction off of the price of a table.  
The original price was £300.

How much is it now?

There are 92 children in year 6.  
One quarter of the year walk to school. 18 children are driven. 23 children cycle.  
How many children use other forms of transport?

Farmer Jack has 48 sheep.  
Half of his sheep have twins, quarter have one lamb and two sheep have triplets.  
Two thirds of the lambs are male.  
How many female lambs are there?

#### Challenge 4

##### Science-Animals including Humans

Draw or create the 'Eatwell Plate'. Ensure that the sections are the appropriate size.



#### Challenge 5

##### Maths -Circles

Draw a circle and label the **radius**, **diameter** and **circumference**. Write a formula for finding the diameter of a circle and a formula for finding the radius of a circle.

Now answer the following questions:

1. If a circle has a radius of 8.5cm, what is the diameter?
2. If a circle has a diameter of 27cm, what is the radius?

#### Challenge 6

##### Geography-Rivers

Find the locations of the following rivers around the world:

- The Thames
- The Volga
- The Mississippi
- The Amazon
- The Nile
- The Yangtze

Which is the longest river from the list?

Which is the shortest?

#### Challenge 7

##### Literacy-Spellings

Use the following website to practise Y6 spellings.

<https://spellingframe.co.uk/>

#### Challenge 8

##### Art

Research the famous artist **Claude Monet**. Create a fact file about him.



#### Challenge 9

##### Literacy-Poetry

Write a poem about rainbows. It could be any type of poem and it does not have to rhyme.



