

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

Literacy-SPaG

Add a prefix in front of each word to make it mean the opposite.

_____ behave

_____ correct

_____ possible

_____ appear

_____ beaten

_____ visible

_____ equal

_____ fortune

_____ mortal

Challenge 2

Pangrams

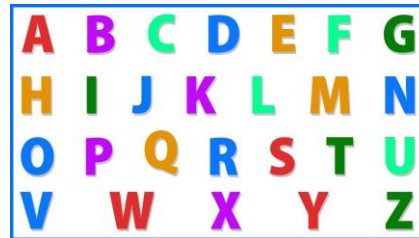
A pangram is a sentence that contains every letter of the alphabet at least once.

For example:

The five boxing wizards jumped quickly.

The quick, brown fox jumps over the lazy dog.

Can you think of any pangrams of your own?
Write as many as you can think of!



Challenge 3

Maths-Problem Solving

Challenge 3

If

$$70 + \text{yellow circle} = 100$$

$$50 + \text{green triangle} = 100$$

$$\text{yellow circle} + \text{green triangle} + \text{blue square} = 100$$

What is the value of the blue square?

Challenge 5

Charlie has a tin of paint.

The tin is half full and weighs 5.8 kg. Charlie paints a wall in his house.

The tin is now a quarter full and weighs 3.1 kg.

How much does the empty tin weigh?

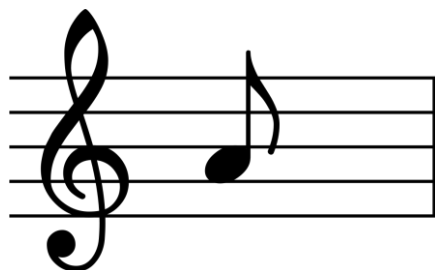


Challenge 4

Music-Composing music with sounds

Use the following website to complete the lesson on composing music with sounds.

<https://www.bbc.co.uk/bitesize/articles/zdh8jhw>

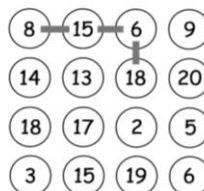


Challenge 5

Maths -Puzzles

Joins

Join any four numbers.
Find their total.
Joins can go up, down or sideways, but not diagonally.
The score shown is $8 + 15 + 6 + 18 = 47$.



Find the highest possible score.
Find the lowest possible score.

Try joining five numbers.
Now try joining five numbers using only diagonal joins.

Challenge 6

Geography-Rivers

Find out what each of these features of a river are and where they are located along a river.

- Source
- Meanders
- Tributaries
- Ox-bow lakes
- Estuaries
- Deltas
- Mouth



Challenge 7

Science-Animals including Humans

Design a healthy balanced meal for someone.
Think about which food groups it should contain.
You can draw and label the plate/bowl of food.
You could even try making it **with help from an adult**. **Do not do this by yourself.**

Challenge 8

Art

Research one of **Claude Monet's** paintings. Recreate it using paints, pencils, pens, crayons, oil pastels or anything else you have around the house!



Challenge 9

Literacy-Reading

Tell me about the most recent book you have read!
You may want to include the following:

- What genre is it?
- Who are the main characters?
- Where is it set?
- Which time period is it set in?
- What is the plot?
- Would you recommend it to a friend? Explain why.

