

Year 4 Homework Spring 2 - 2023

Please hand in work produced
on: **MONDAY 27th March**

Geography

I can present information about a river.

We are learning about rivers, their features and how they are a crucial part of our world.

Your task is to research a river of your choice and present the information as you like. You should include a mix of text, diagrams and images.

If you would prefer, you could research different world rivers and present your learning as a Rivers of the World piece instead. It is your choice!

Here are some useful links to get you started:

kids.kiddle.co/River (scroll to the Important Rivers section for links to 17 different rivers)

www.kidcyber.com.au/rivers-of-the-world

THIS HALF-TERM, WE ARE LEARNING ABOUT: *Rocks and Soil* in science. The literacy texts will be *Tuesday* and *Gigantosaurus* which we use as a stimulus for our writing. Our geography and D.T. work will be all about *Rivers*. In maths, we will be learning more about *fractions* and *decimals* alongside improving our arithmetic skills.

Numeracy — I can complete a fractions investigation.

In maths, we have been learning about fractions and how to calculate with fractions and decimals.

To find fractions of amounts, you just need to **DIVIDE** by the **DENOMINATOR** and then **TIMES** by the **NUMERATOR**!

$$\frac{3}{4} \text{ of } 36$$

Divide by the denominator then multiply by the numerator

$$36 \div 4 = 9$$

$$9 \times 3 = 27 \quad \left(\frac{3}{4} \text{ of } 36 = 27 \right)$$

How should this be set out?

$$\frac{2}{3} \text{ of } 3279 = 2189$$

$$3279 \div 3 = 1093 \quad \begin{array}{r} 1093 \\ 3 \overline{) 3279} \\ \underline{3} \\ 27 \\ \underline{27} \\ 9 \\ \underline{9} \\ 0 \end{array}$$

$$1093 \times 2 = \begin{array}{r} 1093 \\ \times 2 \\ \hline 2186 \end{array}$$

Here are the ingredients I bought:

Oats — 500g bag

Butter — 240g pack

Raisins — 120g bag

Chocolate chips — 56 in a box

Cherries — 63 in the punnet

Flour — 1kg bag

Sugar — 1kg bag

Here are the amounts of each ingredient that I need:

Oats — I need $\frac{3}{5}$ of the bag.

Butter — I need $1 \frac{1}{2}$ packs.

Raisins — I need $\frac{5}{6}$ of the bag.

Chocolate chips — I need $\frac{5}{8}$ of them.

Cherries — I need of $\frac{2}{9}$ them.

Flour — I need of $\frac{3}{10}$ the bag.

Sugar — I need of $\frac{2}{5}$ the bag.

YOUR TASK:

Calculate how much of each ingredient I will need.

Use written methods to ensure accuracy!

EXTENSION CHALLENGE! - Here are the costs for each ingredient. REMEMBER, this is the cost of the whole bag or pack -- I want to know how much it cost for the amount used. Write a list of the items and the cost of the amounts used for each.

For example, oats cost £1.50. However, I only used $\frac{3}{5}$ of the bag so what is $\frac{3}{5}$ of £1.50?

Oats: £1.50 / Butter: £1.30 / Raisins: 48p / Chocolate Chips: 80p / Cherries: £1.08 / Flour: £1.40 / Sugar: 80p

BONUS EXTENSION CHALLENGE: How much did the recipe cost altogether?

Design and Technology — I can design and make a dinosaur.

In science, we have been learning about fossils, how they are formed and what they can tell us about plants and animals from the past. We learnt about how fossils can tell us specific and surprisingly detailed information about different dinosaurs.

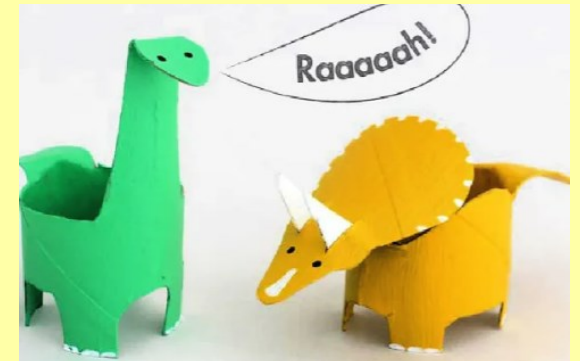
Your task is to design a fun dinosaur. You will need to consider what materials you have available in your house. There is **no need** to go out and buy anything. After you have evaluated your design and made any changes to improve the design, you will need to make it!

On this page are some design ideas but it is up to you!

If you are struggling for inspiration, here are some instructional videos:

https://youtu.be/EknNy_F1IMs

https://youtu.be/UNWV2LZCP_M



Remember to visit Rock Stars regularly.
It is crucial to your times table progress!
<https://ttrockstars.com>

Bug Club is fantastic resource for reading books and building your reading comprehension skills. www.activelearnprimary.co.uk
Remember to read your READING BOOK at the weekend and RETURN it to SCHOOL on MONDAY.

