

English

Diversity

Next term, we will be exploring the Big Idea, 'Diversity'. Your task is to express what diversity means to you using any medium you like e.g. a poem, a story, a poster or even an autobiography based on your own life experiences.

Make it as engaging as possible and remember to use lots of descriptive language such as:

- Expanded noun phrases
- Ambitious verbs and adverbs
- Similes and metaphors
- Alliteration

We look forward to reading your work!

Spellings

- Please keep learning your words from the Year 3 and 4 spelling list - we will have regular spelling tests next term! You must know all of the words and be able to use them in your writing.
- Practise spellings by using <https://spellingframe.co.uk>

Reading

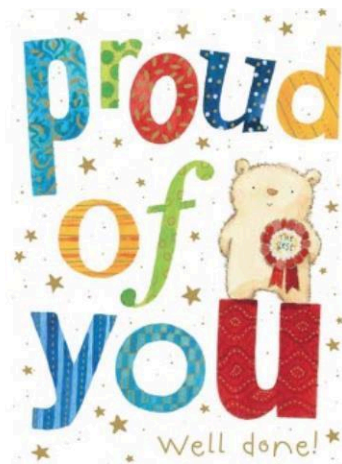
Read for at least 20 minutes every day! Here are some free websites to use as well as your book or Bug Club <https://www.lovereading4kids.co.uk/> and reading owl <https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/> <https://readtheory.org/>

You will have to get an adult to register; they are all free.

Log on to **BUG CLUB** every day and practise reading comprehension. See how many knowledge points you can get! Can you get the most in the class?

<https://www.activelearnprimary.co.uk/login?c=0>

YEAR 4 Autumn 1 Homework 2024



Science: Living things

Next half-term, we will be learning about living things and their habitats. We will be exploring the work of the scientist, Jane Goodall.

Create a fact file about Jane Goodall.

What type of scientist is she?
What projects has she worked on?
What are her major achievements?
Use the following websites to help:
https://www.natgeokids.com/uk/?s=jane+goodall&post_type=

<https://www.britannica.com/search?q=very=jane+goodall>

<https://www.kiddle.co/c.php?q=jane+goodall#gsc.tab=0&gsc.q=jane%20goodall&gsc.page=1>

Here is an example of a fact file - look at the next page (Albert Einstein.)

Maths

Times tables - Working on [Times Table Rockstars](https://www.timestables.co.uk) - your child will have an individual login to access this (20 mins on SOUND CHECK). You can also practise increasing your speed using the speed test at [timestables.co.uk](https://www.timestables.co.uk)

Play on [Hit the Button](https://www.hitthebutton.com) - focus on number bonds, halves, doubles and times tables. •

Physical Task - Adding totals of the weekly shopping list or the cost of products at home. Create a poster including pictures, diagrams, explanations, methods of how you did this.

Choosing a times table of your choice, write a rap/song to help you remember the multiplication and division facts linked to this times table.

Timestables.co.uk
Learn your times tables against the clock



Hit the Button

Topic

We will continue our learning on the theme, 'East meets West' and look closely at the geography of the Middle East.

Your task is to make a creative, informative poster focusing on the geography of the Middle East. Consider answering some of the following questions in your factfile:

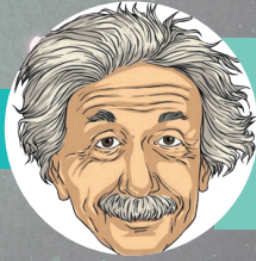
What countries make up the Middle East?
What are the physical geographical features of the Middle East?
What are the human geographical features of the Middle East?
Are all Middle Eastern countries the same?



Make sure it's creative!

Albert Einstein

14th March 1879 - 18th April 1955



Albert Einstein was a mathematician and physicist. His theories on physics were revolutionary and continue to influence scientists from around the world.

Einstein's Early Years

- Albert Einstein was born in Germany to Jewish parents, Hermann and Pauline Einstein.
- Although some people believe he was a late talker, he was an inquisitive child and enjoyed working on puzzles and reading geometry books.
- He was a keen violinist.
- It was an early present of a compass that pointed him in the direction of his interest in physics.

Nobel Prize

In 1921, Einstein received a Nobel Prize for his work in theoretical physics.

'A person who **never** made a mistake, **never** tried anything new.'

The Humanitarian

With the unrest in Europe in the years leading up to the Second World War, Einstein and his family decided to relocate to America. They moved there in 1933, after Einstein secured a job at the Institute for Advanced Study at Princeton University. Later, Einstein helped other refugees fleeing the war and received his citizenship in 1940. He also campaigned for equal rights for Black people in America.

Did You Know...?

Einstein's most famous theory - 'The Theory of Relativity' - states that, the faster an object moves, the slower time appears to pass on that object.

$$E = mc^2$$

Einstein's Incredible Life

- **1896**
Einstein trained to become a professor of maths and physics.
- **1905**
Einstein published four papers about physics.
- **1911**
Einstein was the youngest scientist to be invited to the first-ever international physics conference.
- **1914**
Einstein continued working on his theories at the University of Berlin but his work was halted because of the First World War.
- **1919**
His 'Theory of Relativity' and correct predictions of the solar eclipse gave him worldwide fame.