

## English

**Grammar Knowledge Organiser** – You must learn the grammatical terms on page 3.

Learn the meanings of all of the terms so that you **know them off by heart**.

Next term we will study Thomas Edison in English. Create a non-chronological report/fact file about **Thomas Edison** to include information about his early life, his major contributions to science.

## Diversity

Next term, we will be exploring the Big Idea, 'Diversity'. Your task is express what diversity means to you using any medium you like e.g a poem, a story, a poster or any other way you choose.

## Spellings

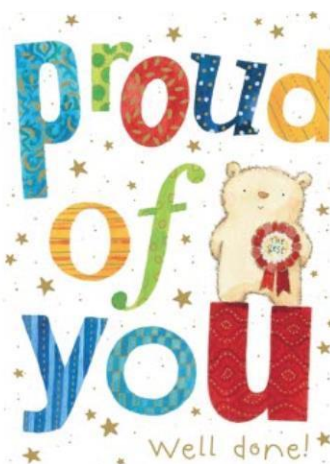
- a) Please keep learning your words from the Year 3 and 4 spelling list - we will have regular spelling tests next term! You must know all 100 words and be able to use them in your writing. (see page 3)
- b) Practise spellings by using <https://spellingframe.co.uk>

## Reading

Read for at least 20 minutes every day! 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 2022



## Science: Living things

Please note the work will be used for display. Make sure it is neatly presented.

**Design a fact file** using the following websites to help you about the Mary Anning - find out as much as you can about her

<https://www.natgeokids.com/uk/discover/history/general-history/mary-anning-facts/#:~:text=Mary%20Anning%20was%20born%20in,Miraculously%20%20little%20Mary%20survived.>  
<https://www.britannica.com/biography/Mary-Anning>  
<https://www.theschoolrun.com/home-work-help/mary-anning>  
<https://www.dkfindout.com/uk/science/famous-scientists/mary-anning/>  
[https://kids.kiddle.co/Mary\\_Anning](https://kids.kiddle.co/Mary_Anning)

## 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 practice increasing your speed using the speed test at [timestables.co.uk](https://www.timestables.co.uk)

Play on [Hit the Button](https://www.hitthebutton.co.uk) - 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.

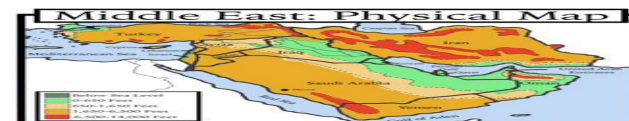
Choosing a times table of your choice, write a rap/song to help you remember the multiplication and division facts linked to this times table.



## 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 create a creative factfile focusing on the geography of the Middle East. Consider answering some of the following questions in your factfile:

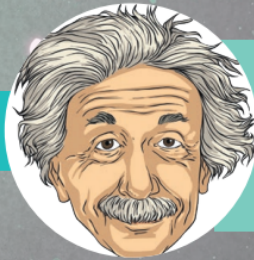
What countries make up the Middle East?  
What are the physical geographical features of the Middle East?  
What are the human geographical features of the Middle East?  
Are all Middle Eastern countries the same?  
Make sure it's creative!



Here is an example of a fact file see page 2 about Albert Einstein.

# Albert Einstein

14<sup>th</sup> March 1879 - 18<sup>th</sup> 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.

## Word list – years 3 and 4

accident(ally)	early	knowledge	purpose
actual(ly)	earth	learn	quarter
address	eight/eighth	length	question
answer	enough	library	recent
appear	exercise	material	regular
arrive	experience	medicine	reign
believe	experiment	mention	remember
bicycle	extreme	minute	sentence
breath	famous	natural	separate
breathe	favourite	naughty	special
build	February	notice	straight
busy/business	forward(s)	occasion(ally)	strange
calendar	fruit	often	strength
caught	grammar	opposite	suppose
centre	group	ordinary	surprise
century	guard	particular	therefore
certain	guide	peculiar	though/although
circle	heard	perhaps	thought
complete	heart	popular	through
consider	height	position	various
continue	history	possess(ion)	weight
decide	imagine	possible	woman/women
describe	increase	potatoes	
different	important	pressure	
difficult	interest	probably	
disappear	island	promise	