

English**Writing**

- SPaG Revise and Recap
- Non-chronological report: Marcia Williams Greek Myths.
- Narrative: Tales of Brave and Brilliant Girls from Greek Myths.

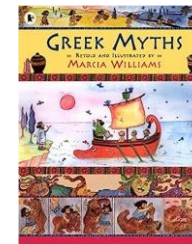
**Reading**

Our focus books in the Autumn Term will be:

- The Books with No Pictures
- Creeping Beauty
- The House at the Edge of Magic
- George's Marvellous Medicine

These will help us to think about:

- Reading books aloud with building expression.
- Different stories with similar themes.
- How to build predictions about character and setting.



[Maths](#)**Place Value and Number:**

- Count in multiples of 6, 7, 9, 25 and 1,000
- Find 1,000 more or less than a given number
- Count backwards through 0 to include negative numbers
- Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
- Order and compare numbers beyond 1,000
- Identify, represent, and estimate numbers using different representations
- Round any number to the nearest 10, 100 or 1,000
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value

**Addition and Subtraction:**

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Estimate and use inverse operations to check answers to a calculation
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

**Measurement (Area):**

- Find the area of rectilinear shapes by counting squares.

**Multiplication and Division:**

- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Use place value, known and derived facts to multiply and divide mentally, including multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers
- Recognise and use factor pairs and commutativity in mental calculations
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems.

## Key Knowledge

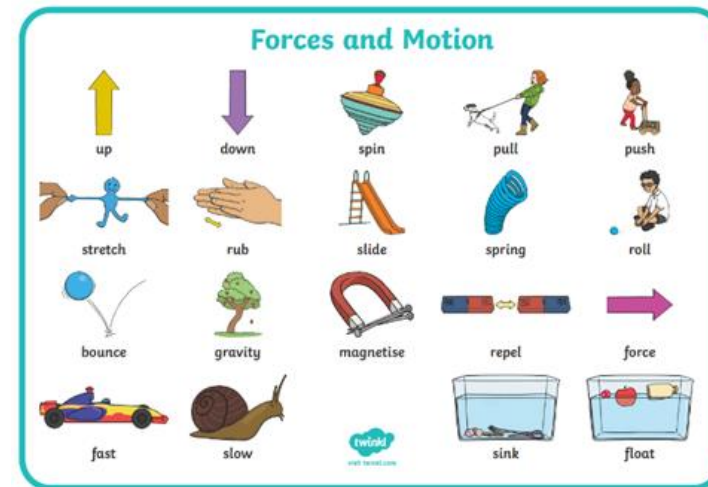
**Science**Force and Magnets

- Forces are the things that allow the movement of all objects around us. An example of a force is gravity, which keeps us grounded, and friction, which can either slow or encourage movement when two objects collide with each other through resistance (or lack of).
- Magnets have a north and south pole.
- In a magnet, like poles will repel each other – their magnetic fields will push each other away.
- In a magnet, opposite poles will attract each other – their magnetic fields will pull each other closer.

Light:

- Direct sunlight can cause damage to eyes and skin.
- Light is needed in order to see and is reflected from a surface.
- Light is blocked to create shadows.

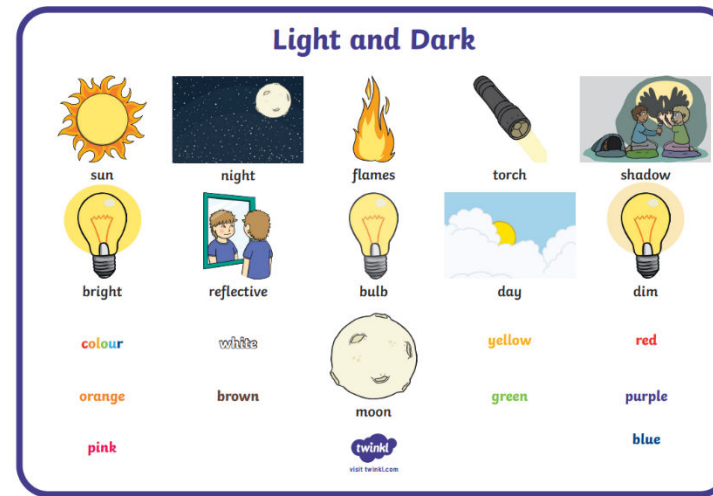
## Useful links



## Vocabulary

forces, pulley, gravity, air resistance, buoyancy, magnets, repel, attract, north pole, south pole.

dark, light, shadows, UV rays, danger, pattern seeking.



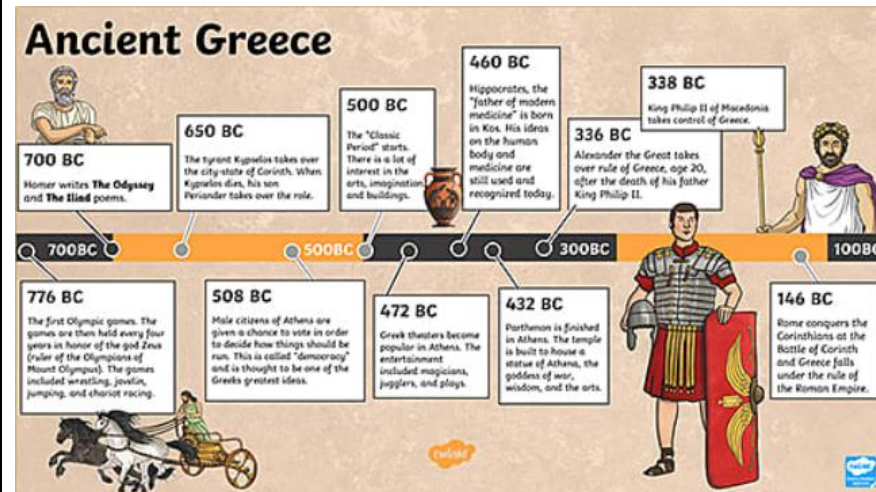
### History

#### Ancient Greece

- The term Ancient Greece refers to the years 700-480 B.C.
- Athens was an open society, and Sparta was a closed one.
- Athens was democratic, and Sparta was ruled by a select few.
- In 431 BCE a war broke out between Athens and Sparta.
- Boys were allowed an education, whereas girls were seen as lesser citizens in Athens.
- The Greeks believed in gods and goddesses who, they thought, had control over every part of people's lives.
- The Ancient Greeks believed that they had to pray to the gods for help and protection, because if the gods were unhappy with someone, then they would punish them.
- The most powerful Greek God was Zeus.

democracy, Acropolis, city-state, Parthenon, marathons, Olympics, citizen, philosopher, alphabet, tragedy, Agora, Hellenistic, phalanx, aristocrat, mythology, column, hoplite, Peninsula, oracle, terraced.

- The ancient Games included running, long jump, shot put, javelin, boxing, pankration and equestrian events.



### Geography

#### Countries of Europe (including Russia)

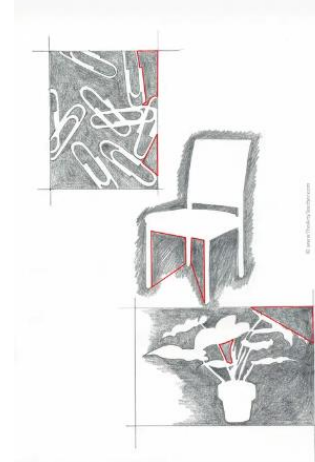
- Greece is a European country.
- Europe consists of 44 nations.
- Mount Olympus is the highest mountain in Greece – physical feature.
- The acropolis were used for religious purposes – human feature.
- Russia is a transcontinental country which is part of both Asia and Europe (77% Asia).



map, aerial view,  
feature, landmark,  
distance, key, symbol,  
land use, urban, rural,  
population.

**Art & Design**Sketching

- Scale is the enlargement or reduction of an image.
- Proportion is the relationship between height, depth and width.
- Positive space refers to the area that contains the main subject or area of artwork.
- Negative space refers to the areas around or between the main subject.



scale, proportion,  
enlargement,  
reduction, positive  
space, negative space,  
sketch, shade, lighter,  
darker, shadows,  
light.

**Design Technology**Greek Food

- This is a Mediterranean diet.
- Historically, the Greek diet was mainly consisting of olive oil, cereals, fresh or dried fruit and vegetables, fish, dairy and meat, as well as a variety of condiments and spices – foods readily available and preserved.
- Greek food consists of a variety of sweet and savoury dishes.

<https://www.bbcgoodfood.com/recipes/collection/mediterranean-recipes>



combine, healthy,  
harvested, savoury,  
sweet, bridge  
method, claw method  
kneading,  
Mediterranean.

**Music**Untuned instruments - Stomp

- Stomp is a percussion group, originating in Brighton, England, that uses the body and ordinary objects to create a physical theatre performance using rhythms, acrobatics and pantomime.

<https://www.youtube.com/watch?v=CZSTFAWfQEg>

timbre, texture,  
percussion, volume,  
dynamics, body  
percussion, rhythm,



- Stomp does not use conventional percussion instruments.
- Items used as instruments include: bins, plastic bags, plungers, boots, brooms, hands and feet.



**beat, ostinato, listen, appraise.**

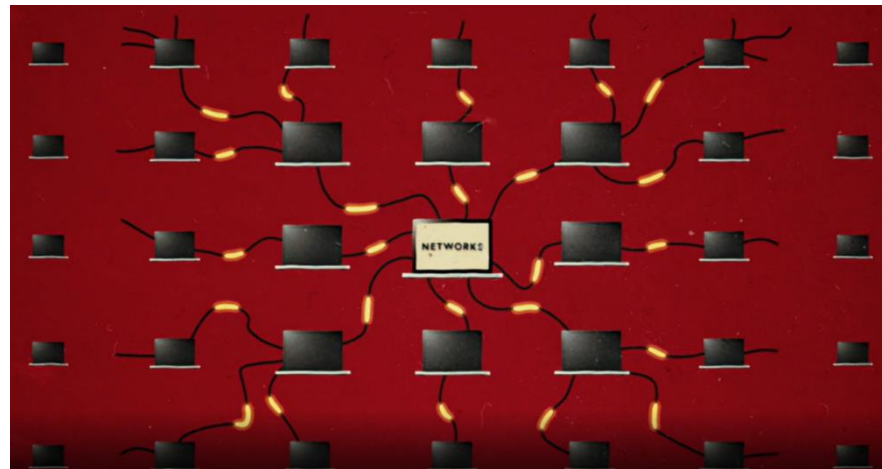
### Computing

#### Connecting Computers

- Digital devices receive inputs and produce outputs.
- Digital devices can be used for either specific purposes or for a wide range of purposes.
- Digital devices operate by following a process.
- A network is a series of connected computers.
- Digital devices can connect via different methods: through wires, through wifi connections and mobile networks.



#### Stop Frame Animation

- Stop frame animation is made by moving objects small distances and taking many pictures.
- Storyboarding is used to plan out an animation.
- The smaller the move on the object, the more fluent the final video will be.
- Ghosting is a way view the previous picture alongside a new picture to ensure continuity.

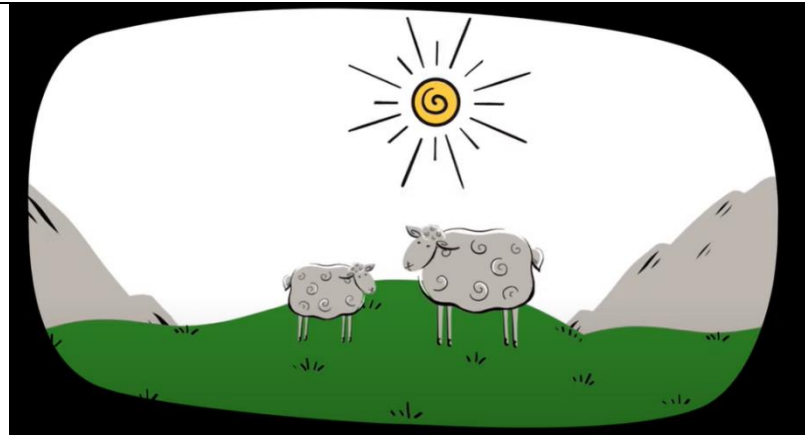


**network  
cable  
input  
output  
connection  
digital device  
process  
computer  
wires  
wifi  
mobile network**

**stop frame  
animation  
angle  
position  
picture  
object**

Year 4	Autumn Term 2023-2024	What Is the Secret to Good Food?
	<p data-bbox="1003 379 1720 403"><a href="https://www.bbc.co.uk/bitesize/topics/zs7s4wx/articles/z78nydm">https://www.bbc.co.uk/bitesize/topics/zs7s4wx/articles/z78nydm</a></p> <p data-bbox="1003 512 1570 536"><a href="https://www.youtube.com/watch?v=uYwMw2JE1Lg">https://www.youtube.com/watch?v=uYwMw2JE1Lg</a></p> <p data-bbox="1003 576 1395 600">Examples of Stop motion animation:</p> <div data-bbox="1064 614 1420 807">  </div> <div data-bbox="1550 639 1897 807">  </div>	
<p data-bbox="78 1035 293 1059"><b>Religious Education</b></p> <p data-bbox="78 1069 629 1093"><u>What can Christians learn from the Creation Story?</u></p> <ul data-bbox="129 1102 972 1394" style="list-style-type: none"> <li>• Christians believe God made our wonderful world and so we should look after it.</li> <li>• God the Creator cares for the creation, including human beings.</li> <li>• As human beings are part of God's good creation, Christians do best when they listen to God.</li> <li>• The Bible is their Holy book.</li> <li>• The Bible shows that God wants to help people to be close to him — it gives them guidelines on good ways to live (such as the Ten Commandments).</li> </ul>		<p data-bbox="1921 1035 2152 1222"><b>Christians, creation, the fall, Bible, commandments, omniscient, omnipresent, trinity, sin.</b></p>





<https://www.youtube.com/watch?v=cstDniigA-w>

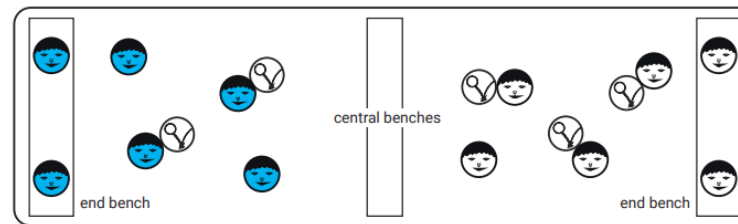
### Physical Education

#### Bench ball

- Control and move with a ball, whilst passing.
- To score, the ball needs to be caught by the player on the bench.
- Move with the ball using a range of techniques showing control and fluency.
- Mark a player effectively.
- Find a useful space and get into it to support teammates.

#### Gymnastics

- Gymnastic requires you to:
  - travel in different ways, including using flight.
  - carry out balances.
  - develop strength, technique, and flexibility throughout performances.
  - create a sequence of movements that fit a theme.



agility, reaction,  
response, direction,  
movement, pass,  
control.

balance, travel  
shape, extension,  
tension  
direction,  
cooperation,  
speeds, levels,  
flexibility, co-  
ordination.

**Personal and Social, Health Education (PSHE)****Diet**

- Mental wellbeing is a normal part of daily life, in the same way as physical health.
- It is important to build regular exercise into daily and weekly routine, for example: walking or cycling to school, a daily active mile or other forms of regular, vigorous exercise.
- A lack of sleep can affect weight, mood and ability to learn.

**Jealousy and Anger**

- There is a normal range of emotions and scale of emotions that all humans experience in relation to different experiences and situations.
- Isolation and loneliness can affect children and that it is very important for children to discuss their feelings with an adult and seek support.
- Mental wellbeing is a normal part of daily life, in the same way as physical health.



<https://www.youtube.com/watch?v=iMfhiDnJeE8>  
(Inside Out Movie Trailer – Everybody has emotions!)

**lifestyle, diet,  
saturated fats,  
unsaturated fats,  
blood pressure, foot  
chart, eat well plate.**

**feelings, emotions,  
physical health,  
mental health,  
strategies,  
displeasure,  
annoyance, hostility.**