Rucksack of Possibilities

Year 4

Geography

The top half of the globe is the **Northern Hemisphere**. The bottom half of the globe is the **Southern Hemisphere.**

Europe is a continent that is in the world's northern hemisphere.

Europe is one of the 7 continents in the World. Europe is a continent made up of 44 counties, including Russia.

Russia is situated in the East of Europe and is also partly situated in Asia. It is the largest country in the world.

Climate is a pattern of weather in a region over time.

Human and physical characteristics can change over time due to environmental and human reasons, such as migration of refugees.

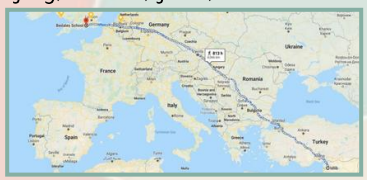
Syria is a country located on the east coast of the Mediterranean Sea in southwestern Asia.

The United Kingdom is situated in the west of Europe.
To travel to the UK from Syria you would need to travel across Europe.

A **region** is an area of land that has common features.

A **country** is an area of land that has its own government.

Each European country has their own flag, culture, food, national dress and capital city.



Art



A collage is a piece of art made from different pieces of paper, photos and other materials.
Similar means having a resemblance in appearance without being identical.
Contrasting means differing or opposite.
Digital technologies are electronic systems and resources that help us learn, communicate, play and create art.

Hannah Höch was a German Dada artist. She is best known for her work of the Weimar period, when she was one of the originators of photomontage.
Kara Walker is an American contemporary painter, silhouettist, printmaker and installation artist.
Photomontage, or fotomontage, is a type of collage in which the pasted items are actual photographs, or photographic reproductions pulled from the press and other widely produced media.

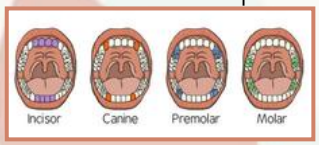
PE

Running
Walking is moving at a slow and steady pace by stepping.
Striding is moving at a steady pace with a further distance between steps.
Jogging is a form of trotting or running at a slow or leisurely pace
Sprinting is running at top speed for a short distance.
Dance:
Perform dances on own and with others using movement patterns
Compare performances with previous ones
Understand how to improve own and others' performances
Respond imaginatively to stimuli related to character/music/story
Perform clear & fluent dances that show sensitivity to idea/stimuli
Make up dance within a small group
Give peer feedback to improve with suitable dance terminology
Football
Tackles are used to make interceptions to regain possession of the ball for your team.
Shoot: To strike the ball with either foot to try and score a goal
Respect and Kindness: Giving attention and showing care to others. It is important to be respectful to teammates, opponents, referees and coaches. It is important to be inclusive of others, respecting people of all abilities and experience levels.

Science - Teeth and Food Chains

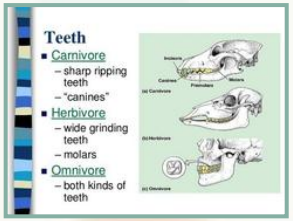
Molars are large, square teeth with a rough edge at the back of your mouth, used for grinding and chewing food.
Canines are the pointy teeth beside your incisors they help tear food.
Incisors are the eight front centre teeth used to bite into your food.

We brush our teeth to protect the enamel and keep our gums healthy.



Food Chains are models that show feeding relationships in an ecosystem.

A food chain shows how energy from the sun is used by animals in a chain from plants through to animals and even humans.



A **producer** is something that makes their own food.

A **predator** is an animal that hunts or prey on other animals.

Prey is an animal that is hunted by another animal for food. Prey are hunted by predators.

Computing

Programs are a defined set of algorithms or processes that are completed in order to achieve a task.
Controlling means: to determine the behaviour of something.
Input is: data that is entered into or received by a computer
Output is: how the computer presents the results of the process.
Decomposing means: To break apart, to split.

Online Safety (Online bullying):
People can be bullied online through videos, online messages, images and social media.
Some content may cause others to feel worried, sad, and anxious and may make them feel insecure or ashamed.

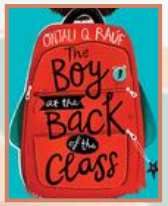
French

La famille = the family
la mere = the mother
Le pere = the father
La tante = the aunty
L'oncle = the uncle
Les soeurs = the sisters
Le frere = the brother



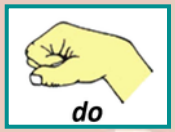
PSHE

- Sometimes, we make assumptions based on what people look like.
- I understand what influences me to make assumptions based on how people look.
- Bullying is hard to spot and I know what to do if I think it is going on but I'm not sure.
- Witnesses sometimes join in with bullying and sometimes don't tell.
- I can identify what is special about me and value the ways in which I am unique.

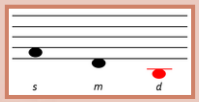


Music

Accelerando is an Italian word that means "gradually getting faster". It can be shortened to 'accel.'
Rallentando is an Italian word that means "slowing down".
'Do' is at the beginning of our staircase, or scale! It is lower than 'mi,' 'so' or 'la.'
'Re' sits between 'do' and 'mi.'
A scale is a sequence of notes in order, either ascending or descending.
Penta = five (think pentagon!)
Tonic = tones, or notes
Pentatonic = five tones!
The pentatonic scale always consists of do, re, mi, so and la.
A **duet** is a piece of music that is performed by two people.
A **ledger line** is a short, horizontal line used to extend the musical staff when notes fall above or below the lines and spaces of the standard staff.
A **round** is a composition where multiple performers sing the same melody, but each starts at a different time.
The notes of the scale keep repeating, this is how we have low and high notes!







Religion and World Views

Understand that Christians believe:

- God's kingdom is the reign of Jesus
- The Kingdom of God is in human hearts and minds, lives and communities.
- Jesus' teaching about God's Kingdom in the Sermon on the Mount & the Great Commandment

Christians living as citizens of God's Kingdom.