

Westacre Middle School Knowledge Web for Year 6 Spring—What a Wonderful World

GEOGRAPHY : POSITION/ LOCATION

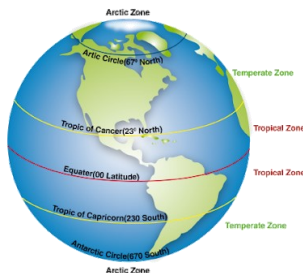


- The main continents of the Earth are Europe, Africa, North/South America, Asia, Oceania and Antarctica.

- Invisible 'bands' circle the Earth at different points - latitude, longitude, equator, Tropics of Cancer and Capricorn, Greenwich Meridian, Antarctic Circle and Arctic Circle.



- The Earth is also divided into 24 one-hour time-zones, split longitudinally.



GEOGRAPHY : PHYSICAL



- Climate is the long-term weather conditions of a region.

- Weather changes daily within an overall

climate.

- Biomes are the dominant animals, plants and conditions that prevail in a particular region.

- Some of the main rivers in the UK are the Severn, the Thames and the Tyne.

- Rivers begin at a source, grow from joining tributaries, and end at the mouth.

- Rivers are used by homes for both leisure and industry, and are home to diverse wildlife.

- Some of the main ranges in the world are the Alps, the Himalayas, the Andes, the Rockies and the Pyrenees.

- Mountains form through gradual movement of tectonic plates into each other, which takes place over millions of years.



DESIGN TECHNOLOGY : PROTOTYPE/ DESIGN

- Pattern pieces are created on an alternative material to gauge shapes and sizes, before cutting them out on material.

DESIGN TECHNOLOGY: SCALE AND MEASURE-MENT

- Seams are needed to join pieces of fabric together.



- A seam allowance of 1cm should be allowed around all edges when creating a pattern.
- Using squared paper to create a template will help when drawing and cutting a pattern.

- A ruler and sharp pencil are essential when drawing a template.

DESIGN AND TECHNOLOGY :

PROCESSES AND MATERIALS / CAREERS



- There are three stages to sewing a seam:

- 1) Pin the fabric together

- 2) Tack the fabric using a long running stitch

- 3) Sew with a machine on a running stitch or smaller hand stitching



- Start and end stitching with a back stitch to hold the thread securely

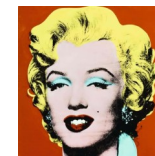
- Andrew Ramroop is a Trinidad-born tailor, who began his career as a tailor's apprentice. He tailored his first suit at the age of 17. He fought against discrimination to find a job in this field of expertise and went on to found his own academy to train tailors.



ART : INSPIRATIONAL PEOPLE

- Andy Warhol was a leading figure in 'Pop Art' in the 1960s, which emerged in the USA.

- He used bright, contrasting colours and used them to edit multiple photos, often of celebrities.



- Yayoi Kusama is a Japanese artist, famous for various art pieces throughout the 20th Century.

- She made use of large spaces, mirrors and repeating patterns of 3D objects to create optical illusions.



- Banksy is an anonymous British artist who specialises in graffiti art.

- His art is defined by stencils, the colours black and white, alongside small pops of colour.

- His art is often political, and conveys a message.



- Esther Mahlangu's South African artwork is called 'Ndebele'.

- The vibrant, black-bordered symbols and patterns convey information about the family within their values, prayers, emotions and marriage statuses.



HISTORY : CULTURE

- The Seven wonders of the Ancient World were decided by Hellenic (Greek) travellers in around 225BC.

- Only one wonder remains — the Great Pyramid of Giza, in Egypt.





Key vocabulary and meanings

***Equator—** an imaginary line around the middle of a planet. It is halfway between the North Pole and the South Pole, at 0 degrees latitude.

***Longitude & Latitude—** Latitude and longitude are a system of lines used to describe the location of any place on Earth. Lines of latitude run in an east-west direction across Earth. Lines of longitude run in a north-south direction. Although these are only imaginary lines, they appear on maps and globes as if they actually existed.

***Climate—** the weather conditions in an area in general or over a long period.

Biomes— is a large area characterised by its vegetation, soil, climate, and wildlife.

***Tectonic Plates—** are pieces of land that connect together on the Earth's outer shell. You can think of them like a giant round puzzle that cover Earth underneath the ground. These pieces bump together and move, even though it is only by a couple of centimetres a year.

Seams— a line where two pieces of fabric are sewn together in a garment or other article.

***Pop Art—** art based on modern popular culture and the mass media.

Optical Illusion— something that deceives the eye by appearing to be something other than it is.

Graffiti— images or text painted usually onto buildings, typically using spray paint.

***Ndebele—** house painting in a style of African art practiced by the Southern Ndebele people of South Africa.