

Geography

To use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied in the context of North and South America.

To locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities in the context of places in North and South America.

Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/ Greenwich Meridian and time zones (including day and night) in the context of identifying and describing a range of places across the Americas.

Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle in the context of comparing how weather and climate across America is affected by geographical location.

Use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies in the context of undertaking fieldwork to identify human and physical features of the local area.

Understand geographical similarities and differences through the study of human and physical geography of Tameside and a region within North or South America in the context of comparing human and physical features of the local area with a region of North America.

Describe and understand key aspects of: human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Year 6 Spring Term Topic: The Amazing Americas



PE

Gymnastics

- Develop flexibility, strength, technique, control and balance.

Net and Wall Games

- Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending.

Computing

Spreadsheets

- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

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Unit 6.4 – Blogging

- Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

RE

The Mass

- Know and think about the story of the Passover
- Know what happened at the Last Supper and reflect on what this means for us

Art & Design North American Art

To create sketch books to record observations and use them to review and revisit ideas.
To improve mastery of art and design techniques, including painting in the context of black and white collage.

To learn about great artists, architects and designers in history in the context of Ansel Adams.

Design & Technology- Creating Eco-Friendly cars. (Link to previous science topic electricity)

Design

- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

Make

-Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately

-Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate

- Investigate and analyse a range of existing products ♣
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- understand how key events and individuals in design and technology have helped shape the world

Technical

- Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]
- Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

- Understand the Penitential Rite and the Liturgy of the Word in the Mass and think about their participation in them
- Understand the Offertory, Consecration and Communion and reflect on our part in them
- Know that Jesus has chosen to stay with us in a special way in the Blessed Sacrament.

Jesus, Son of God

- Know that Jesus' miracles led many to believe that he was the Son of God
- Understand why Jesus washed the disciples' feet and reflect on the meaning this has for us
- Know about the Passion and Death of Jesus and consider its importance for us
- Understand and reflect on what the Resurrection of Jesus means for us.

<p>Music. John Bon Jovi Living on a Prayer.</p> <ul style="list-style-type: none"> • listen with attention to detail and recall sounds with increasing aural memory • use and understand staff and other musical notations • develop an understanding of the history of music. • play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression 			
<p><u>Science</u></p> <p>Light Recognise that light appears to travel in straight lines.</p> <ul style="list-style-type: none"> • Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. • Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. • Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. 	<p>Maths</p> <p>Number-Decimals Identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places.</p> <p>Multiply one-digit numbers with up to 2 decimal places by whole numbers.</p> <p>Use written division methods in cases where the answer has up to 2 decimal places.</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy.</p> <p>Number-Percentages</p> <p>Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.</p> <p>Recall and use equivalences between simple fractions, decimals and percentages including in different contexts.</p> <p>Number- Algebra</p>	<p><u>English</u></p> <p>Fiction</p> <ul style="list-style-type: none"> • Narrative in a unfamiliar setting-Brother Eagle, Sister Sky; the Explorer • Portal Stories. <p>Non-Fiction</p> <ul style="list-style-type: none"> • Explanation • Persuasive leaflet (Kingswood) <p>Poetry</p> <p>Grammar</p> <ul style="list-style-type: none"> • Brackets, dashes and commas to build parenthesis • Use a wide range clause structures • Synonyms and Antonyms • Passive and active • Subjunctive forms • Ambitious vocabulary • Expanded Forms • Subordinating and main clauses • Ellipsis • Layout devices • Colon, semi-colon and dash to mark two independent clauses 	

Use simple formulae.
Generate and describe linear number sequences.
Express missing number problems algebraically.
Find pairs of numbers that satisfy an equation with two unknowns.
Enumerate possibilities of combinations of two variables

Measurement: Converting Units

Metric measures
Convert metric measures
Calculate with metric measures
Miles and kilometres
Imperial measures

Perimeter, area and Volume

Number: Ratio

- Bullet points
- Verb forms
- Co-ordinating and subordinating conjunctions