Geography

Year 5 and 6

Spring

Topic Local Geography

Rationale

The children will study the local River Tees. The River Tees is important due to its close proximity to the school and the area in which the children live and we will looking at the many bridges and their uses. We will compare the River Tees to another river in the UK.

NC Objective

Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom.

Links to other Subject/Topics.

English – Inform, non-chronological, letters, leaflets

Computing – Spark, Multimedia, Online Research

Inspiration for Aspiration

Teacher, Local historian, journalist, River warden, librarian

Key Content

- What is human and physical geography? (Grammasaurus)
- What are the geographical similarities and differences of two rivers in the UK? (Grammasaurus)
- What are rivers and how are they formed? (Grammasaurus)
- What can I learn about the River Trent? (Grammasaurus)
- How can I collect data about the local River Tees? (use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.) (Grammasaurus)
- What can I find out about the bridges over the River Tees? (Activinspire flipchart)
- How can I analyse information collected from fieldwork? (Activinspire flipchart)
- What are 6 figure grid references and latitude and longitude? (Activinspire flipchart)
- What are the symbols and keys on an ordnance survey map? (Activinspire flipchart)
- What are the 8 points of a compass? (Activinspire flipchart)
- Can I expand my map skills to build my knowledge of UK countries? (Activinspire flipchart)

Concepts

Geography	1	2	3	4	5	6
Location and Place						
Space						
Sustainability and the Environment						
Change						

Skills Year 3 and 4

- Describe and understand key aspects of: Physical geography, including: climate zones, biomes and vegetation belts
- Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied
- Describe and understand key aspects of physical geography including Rivers and the Water cycle

Skills 5 and 6

Human and physical geography

- Describe and understand key aspects of Physical geography including coasts, rivers and the water cycle.

Geographical skills and field work

- Use the eight points of a compass, four-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom in the past and present.
- 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.

Year 3 and 4 Vocabulary latitude, longitude, co-ordinates Aerial photograph Atlas Characteristics Compass Hill House Human process Symbol Valley Land use location Compass rose Continent Elevation Factory Map Pattern Physical Scale	**Geographical Vocabulary** upper course middle course lower course physical features confluences meanders estuary lakes floodplains human features canals reservoirs weirs nature reserves water sports centres bridges power stations erosion source	valley channel silt spring river basin data field sketch observe numerical river course quantitative analyse data evaluate present 6 figure grid reference ordnance survey maps latitude longitude

By the end of the topic children will: -

- What is human and physical geography?
- What are the geographical similarities and differences of two rivers in the UK?
- What are rivers and how are they formed?
- What can I learn about the River Trent?
- How can I collect data about the local River Tees? (use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.)
- What can I find out about the bridges over the River Tees?
- How can I analyse information collected from fieldwork?
- What are 6 figure grid references and latitude and longitude?
- What are the symbols and keys on an ordnance survey map?
- What are the 8 points of a compass?
- Can I expand my map skills to build my knowledge of UK countries?

Assessment

Formative assessment of the end points during lessons.
Presentation of research about rivers and the River Tees, including bridges.
Assessment of children's understanding of 6 figure grid references using ordnance survey maps of UK and beyond.