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|---|--|--|--|---|--|---|
| What are rivers and how are they used?  |  |  |  | Year 4/5<br>Autumn Term 1,<br>2025-6  |  |   |
| <b>PE</b><br><br><b>OAA</b> <ul style="list-style-type: none"><li>To know how to develop the range and consistency of their skills and work with others to solve challenges.</li><li>To know how to choose and apply strategies and skills to meet the requirements of a task or challenge.</li><li>To know the effect of different activities on the body and to prepare for them physically.</li><li>To know how to work safely.</li></ul>  |  | <b>Science</b><br><br><b>Properties of Materials</b> <ul style="list-style-type: none"><li>To know how to compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</li><li>To know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</li><li>To know how mixtures might be separated, including through filtering, sieving and evaporating</li></ul> |  | <b>Geography</b> <ul style="list-style-type: none"><li>To know where North and South America are on a world map and know the names of some of the world's most significant mountain ranges.</li><li>To know the names of some of the world's most significant rivers.</li><li>To know the name of some counties and cities in the UK</li><li>To know the name of the county that we live in and our closest city and know the 12 geographical regions of the UK.</li><li>To know the main types of land use and some types of settlement.</li><li>To know that the water cycle is the processes and stores which move water around our Earth and to be able to name these.</li><li>To know the courses and key features of a river, the different types of mountains and how they are formed.</li><li>To know water is used by humans in a variety of ways.</li><li>To know an urban place is somewhere near a town or city and a rural place is somewhere near the countryside.</li><li>To know that a natural resource is something that people can use which comes from the natural environment.</li><li>To know that an OS (Ordnance survey) map is used for personal use and organisations use it for housing projects, planning the natural environment and public transport and for security purposes. To know that it shows human and physical features as symbols.</li><li>To know that grid references help us locate a particular square on a map and know the eight points of a compass.</li><li>To know the main types of land use (agricultural, residential, recreational, commercial, industrial and transportation).</li><li>To know that an annotated drawing or sketch map is hand drawn and gives a rough idea of features of an area without having to be completely accurate.</li><li>To know a Likert scale is used to record people's feelings and attitudes.</li></ul> |  | <b>P.S.H.E.</b><br><br><b>Being Me</b> <ul style="list-style-type: none"><li>Know how to face new challenges positively</li><li>Know how to set personal goals</li><li>Know the rights and responsibilities associated with being a citizen in the wider community and their country</li><li>Know how an individual's behaviour can affect a group and the consequences of this</li><li>Know how democracy and having a voice benefits the school community</li><li>Know how to contribute towards the democratic process</li></ul> |
| <b>Key Vocab:</b> Orienteering, strategy, physical, safety  |  | <b>Key Vocab:</b> conductive, magnetic, durable, transparent, versatile, thermal, conduction, molecules, degrees, Celsius (°C), insulator, dissolve, solute, insoluble, soluble, solvent, pure substance, mixture, filtering, sieving, evaporation   |  | <b>Key Vocab:</b> Condensation, delta, estuary, evaporation, flooding, floodplain, groundwater, irrigation, leisure, meander, oxbow lake, percolation, precipitation, river mouth, source, transpiration, tributary, valley, water cycle, waterfall   |  |   |
| <b>Art / DT</b><br><br><b>Portraits</b> <ul style="list-style-type: none"><li>To know how artists use colour to create an atmosphere or to represent feelings in an artwork, for example by using warm or cool colours.</li><li>To know how to create pattern to add expressive detail to art works, for example Chila Kumari Singh Burman using small everyday objects to add detail to sculptures.</li><li>To know how tone can help show the foreground and background in an artwork.</li><li>To know how to develop a drawing into a painting.</li><li>To know how to use a photograph as a starting point for a mixed-media artwork.</li><li>To know how to take an interesting portrait photograph, exploring different angles.</li></ul> |  | <b>Computing</b><br><br><b>Computing systems and networks</b> <ul style="list-style-type: none"><li>To know the input, output and process aspects of systems</li><li>To know how to take part in a collaborative online project with other class members</li><li>To know how to use technology safely / respectfully</li></ul>   |  | <b>Music</b> <ul style="list-style-type: none"><li>Comment on songs and their meaning using musical vocabulary</li><li>Know how to adjust dynamics, pitch, breathing and tone when performing</li><li>Know how to play and perform in solo and ensemble contexts, using voice and playing instruments (Y5: violins)</li><li>Know how to use and understand the basics of musical notation</li></ul>   |  |   |
| <b>Key Vocab:</b> atmosphere, background, carbon paper, collage, composition, continuous line, drawing, evaluate, justify, mixed media, monoprint   |  | <b>Key Vocab:</b> sensor, input, output, process, router, packet   |  | <b>R.E.</b><br><br><b>What does it mean to be Humanist in Britain today?</b> <ul style="list-style-type: none"><li>To know how to identify data around numbers of non-religious people.</li><li>To know some core values that motivate Humanists.</li><li>To know examples of how Humanists value science and why they reject the existence of God.</li><li>To know how Humanists put their beliefs into practise.</li><li>To know how to talk and ask questions about what motivates Humanists.</li></ul>  |  |   |
|   |  |  |  | <b>MFL</b><br><br><b>Being Me</b> <ul style="list-style-type: none"><li>To ask somebody their name in French and reply when asked.</li><li>Recall the numbers 1-10 and count from 11-20 in French</li><li>Ask somebody how old they are in French and reply when asked.</li><li>Ask somebody where they live in French and reply when asked.</li><li>Express their nationality in French and understand basic gender agreement rules.</li><li>To know basic greetings in French, ask somebody how they are feeling and reply when asked.</li></ul>  |  |   |
|   |  |  |  | <b>Key Vocab:</b> Census, Humanist, science, atheist, agnostic, motivation, beliefs, practices, worship, values, existence  |  |   |