



# Year 4

## Geography- Rivers and the water cycle

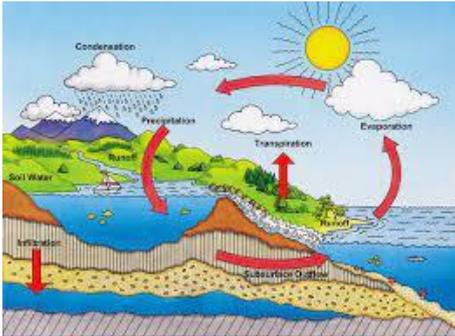
Outcome - River study at Juniper Hall

### Prior knowledge and skills



- Locate countries of Europe (UK France, Germany, Italy, Greece, Portugal, Spain) using maps. -use a world map to Identify physical characteristics: mountains, volcanoes/ earthquakes(Italy)
- Explain how volcanoes are formed and how they affect people's lives (mt. Vesuvius)
- Use maps, atlases, globes and digital mapping to locate countries and describe features studied.
- Use four and six-figure grid references, symbols and keys to build their knowledge of the wider world.

### Ideas and inspiration



### Vocabulary:

Physical: bog, channel, climate, condensation, confluence, contours, deforestation, delta, deposition, drainage basin, drought, endangered, erosion, estuary, evaporation, extinct, floodplain, habitat, load, meander, mouth (river), precipitation, sediment, source (river), spring, state of matter, surface run-off, thermal spring, transpiration, tributary, water cycle, water vapour, wetland  
 Human: agriculture, arable farming, indigenous, reservoir, water pollution

### Developing Knowledge

| Human and Physical features. |   | Working Towards | Within | Expected | Above |
|------------------------------|---|-----------------|--------|----------|-------|
|                              | <ul style="list-style-type: none"> <li>Describe and understand key aspects of the water cycle.</li> </ul>   |                 |        |          |       |
|                              | <ul style="list-style-type: none"> <li>Describe and understand key aspects of a river system.</li> <li>- Physical: mountains, valleys, streams</li> <li>- Human: Dams, bridges, transport, trade links and distribution of natural resources including energy, food, minerals.</li> </ul> |                 |        |          |       |
| Locational features          |   | Working Towards | Within | Expected | Above |
|                              | <ul style="list-style-type: none"> <li>Use maps to locate some of the world's rivers: the Severn, Danube, Colorado, Amazon</li> </ul>   |                 |        |          |       |

### Developing skills

| Map skills |  | Working Towards | Within | Expected | Above |
|------------|--|-----------------|--------|----------|-------|
|            | <ul style="list-style-type: none"> <li>Use fieldwork to observe, measure, record and present human and physical Features in local area using a range of methods, including sketch maps, plans and graphs (River study: The River Mole).</li> </ul> |                 |        |          |       |

Highlights: \_\_\_\_\_

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