

The World We Live In Y5

The Changing Landscapes of Our World

Geography

I can locate rivers near to Swindon and in the world and identify their features.
I can explain reason for flooding and the affects.

I can explain how rivers erode, transport and deposit materials.

I can talk about the features of rivers and link to local rivers - Thames and Severn.

I use an atlas to locate rivers in each continent.

I can understand and use a widening range of geographical terms for rivers and the water cycle.

I can understand why people seek to manage and sustain their environment e.g. dams, exploring pros and cons.

I can describe where a variety of places are in relation to rivers.

I can understand how humans affect the environment.

I can explain weather pattern in parts of the world = flooding in Bangladesh.

I can explore features of OS maps using 6 figure grid references..



Knowledge

I know about flooding and the impact it has on rivers and the environment.

I can name features of a river.

I can name local, national and international rivers.

I can find rivers on OS maps and world map.

I know the longest rivers in each continent.

I can compare weather patterns in parts of the world and how these link to flooding.

I know how to use a range of tools safely (saws)

British Values: Democracy and mutual respect and tolerance of those with different faiths and beliefs.

Vocab

Geography - erosion, transport, deposit material, environment, flood plains, flood, mouth, meander, oxbow, tributary, features of river, sediment, weather patterns, Thames, Severn, Amazon rivers.

Design and Technology - frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent, design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional

Computing:

I can create a database linked to rivers. I can create a spreadsheet showing costings for flood-resistant building.

I can use the computer and spreadsheets to create and alter graphs and charts.

I can use, query and create my own databases as appropriate, linking into work across the curriculum.

Design and Technology:

I can design and make a flood-resistant building.

I can create labelled diagrams and a prototype to show ideas.

I can make careful and precise

measurements so that joins are accurate.

I can use techniques to strength structures and explore ideas.

I can build more complex 3D structures and apply knowledge of strengthen techniques to make them stronger, more stable.

I can make detailed evaluations about existing products and consider the views of others to improve work.