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Water, Water Everywhere!

**Computing:**

We are meteorologists.

**D & T:**

Create a dam.

**Topic:**

Following our visit to the Elan Valley in Wales, Kingfishers will explore:

What is a dam? Why are dams built? They will locate major dams on a world map, identify advantages and risks of dams, label a map of the Elan Valley and relevant dams, explore why the Elan Valley dams were needed, explore 3 major dams, research their advantages and disadvantages, locate the Great Lakes of America, explore how the Great Lakes are used by people, locate Niagara Falls, explore Niagara Falls as a major hydroelectric producer, look at hydroelectric power as an energy resource and make comparisons with hydroelectric power generated at the Elan Valley.

**Music:**

Learn the hydrologic cycle song.

**Maths:**

Y4 Addition, subtraction, problem solving, adding amounts of money, co-ordinates, translations of shape, draw and interpret graphs, multiplication and find non-unit fractions of amounts.

Y5 Co-ordinates; draw polygons using co-ordinates; translation of shape; identify factor pairs; compare and order fractions with related denominators; add fractions with some or related denominators; area and perimeter; understand concept of volume; percentages; line graphs and solve scaling problems.

**English:**

Write a free verse poem about a river or lake, perform a play, write a play script and write instructions about how to build a dam.