

W1.4 CHOOSE A PROJECT

SDG 6: Clean water and sanitation – Water use and efficiency



WATER USE AND EFFICIENCY

ISSUE: During times of drought we face water shortages and this is set to get worse with climate change.

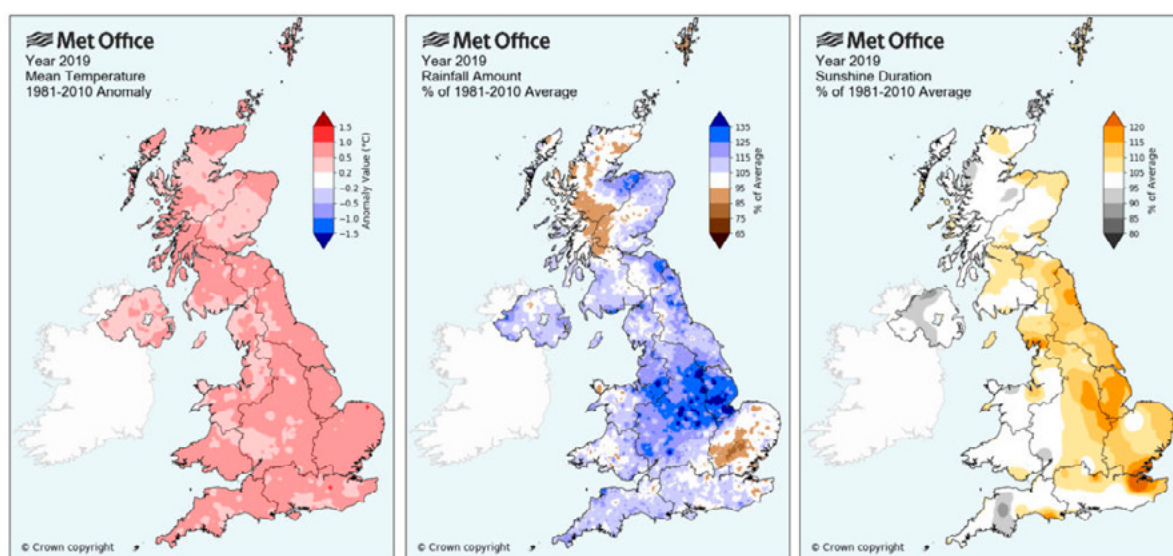
CHALLENGE: Design a system for collecting water when it rains and storing it for times of drought.

Come up with a solution to this problem, through a design or idea, using nature to help you.

Some things to focus on include: water collection; water filtration; purification; distribution; efficient use of water; reusing wastewater.

USE NATURE TO HELP: How does nature do these things? Are there examples from nature we can copy?

How does nature collect, store, filter and transport water?



News article here: <https://www.carbonbrief.org/guest-post-a-met-office-review-of-the-uks-weather-in-2019>
 “Last year was warmer, wetter and sunnier than average for most of the UK, and finished as the 11th warmest, 11th wettest, and 15th sunniest year on record.”

Use the decision tree (W1.7) to help you to break the problem down into manageable chunks.