

WATER RESOURCES KNOWLEDGE ORGANISER

KEY QUESTIONS

What is the difference between water deficit and surplus?	How is water footprint linked to development?	Why does the supply of water differ in the UK?
What areas of the world are in water deficit and why?	How are we managing water deficit?	How can we increase water supplies?
Who is affected the most by the deficit?	What are the causes and effects of a trans-boundary river conflict?	How are they managing the conflict?

KEY WORDS

Water Surplus	When water supply is greater than demand.
Water Deficit	When water demand is greater than supply.
Water Security	Having a reliable source of water available - good quality and quantity.
Water Insecurity	Not enough water to maintain good health/livelihood due to short supply or poor quality.
Water Stress	When the demand for water exceeds supply, or when poor quality restricts its use.
Water Footprint	The amount of water used in the production of goods which are used by a particular person.
Dam	Large scale project used to create electricity from running water. Holds back the natural flow of the river.
Trans-boundary river	A river which crosses more than one countries border. E.g. Mekong.
Over-abstraction	The process of taking water from a ground source, either temporarily or permanently. Most water is used for irrigation or treatment to produce drinking water. This happens when there is too much water being taken away.

DIAGRAMS

