



1. Fascinating Facts

Aims:

- To give pupils key facts about saving water and introduce them to the links between water and the environment

Materials:

- Worksheet 1

Method:

- This information acts as an introduction to the work on saving water
- Review the Water Cycle with the pupils and remind them that all water comes from the natural environment
- Hand out the Fascinating Facts
- Discuss where they think in the world people still have to collect water from the rivers or wells



2. Transporting water

Aims:

- To experience carrying water across a distance
- To relate this experience to the reality of life for some people in the world

Materials:

- Copy of Worksheet 2 at appropriate level
- Two buckets, a long tape measure and a piece of chalk for each pair

Method:

- Pupils work in pairs
- Hand out worksheet and discuss the experiment with the pupils
- Pupils carry out the experiment and write up their results



3. Water supplies

Aim:

- To enable pupils to recognise the long term effects that a flood or drought can have on a community

Materials:

- Worksheet 3
- Internet access to newspaper archives
- Video camera (if available)

Method:

- This is suitable as a homework task
- Hand out worksheet 3 and discuss where pupils might access information
- Set time aside for presentations and video



4. Collecting water

Aim:

- To design and build a way of collecting water from an underground source

Materials:

- Worksheet 4
- Junk material

Method:

- Pupils find a partner
- Remind them that people who live in hot countries do not have the rainfall that Scotland has (show comparison rainfall figures if available)
- Hand out Worksheet 4 and discuss the task. Set a deadline for completion
- Arrange an exhibition/demonstration of pupils' designs

Saving Water Campaign

Aims:

- For pupils to design and run a real Saving Water Campaign in school and their community
- To increase their knowledge and understanding and develop informed attitudes to the use of water and the need to save it

Materials:

- Worksheets 5a - 5f
- Art materials
- Computer graphics package
- Video cameras

Method:

- Hand out Worksheet 5a to each pupil and as a class discuss the campaign (You could ask Scottish Water to write to the class asking them to undertake the campaign on their behalf and invite them in to see the results)
- Note ideas for all parts of the campaign on a central board or large sheet of paper
- Pupils select which part of the campaign they would like to work on and are given related task cards at the appropriate level
- Agree deadline and allocate time during the week for pupils to work on their task
- Encourage pupils to speak to the Headteacher about how they could run the campaign in school
- Discuss with the pupils what could be circulated in the community and how this might be done.

NB This could be run as an enterprise project using materials from the 'Go for Enterprise' resource pack. (Schools Enterprise Programme)

- **Decide how you will organise the campaign with the class. A group of pupils can be allocated a specific task within the campaign or small groups could produce the whole campaign and the class decide which are the best elements of each and create the class campaign for this**