

## **Green STEM Project: Water Conservation**

Type	Energy conservation
Purpose	To raise awareness of the importance of conserving water. Design and make a product that can be used in the home/school or industry to assist in conserving water.
Description	<p>The project will allow pupils to learn about gathering, cleaning, pumping and discarding water to homes, schools and industry.</p> <p>Pupils will design and make a product to encourage people to conserve water.</p> <p>The product could use existing recyclable products.</p>
Cross-Curricular links:	Engineering, Design Technology, Science and Maths.
Keystage	KS3
Breakdown of hours	<ol style="list-style-type: none"><li>1. Learn about cycle of water to and from homes etc.</li><li>2. Research home/school/industry appliances that use water.</li><li>3. Design ideas.</li><li>4. Final design.</li><li>5. Making product.</li><li>6. Making/marketing product.</li><li>7. Evaluate</li></ol>
Links to existing materials	Waste water costs. Energy to clean and pump to homes and clean before being discarded into rivers and seas. With dryer summers and wetter winters we need to consider our use of water.

**If you would like more information regarding this project, please contact Klaus Selke on 01482 372677 or [klaus@heta.co.uk](mailto:klaus@heta.co.uk).**

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