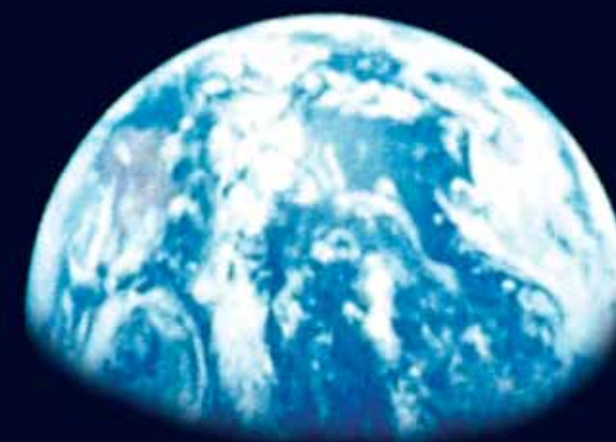


**W a t e r  
E d u c a t i o n  
T r u s t**



**W a t e r  
E d u c a t i o n  
T r u s t**

**Summary report of an independent study  
into the potential role of WET.**

**Undertaken by Prince Research Consultants, London**

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**Water Education Trust  
at**

**Papplewick Pumping Station**



A Nottingham scene, 1934.  
Some 50 years after the construction of Papplewick Pumping Station living conditions remained harsh for many.

# Water Education Trust

## Introduction

Papplewick is the most important surviving water pumping station of its kind in the world.

In June 2005 HRH The Duke of Gloucester opened the refurbished Pumping Station. The Trustees have received substantial public funds and intend to develop the Station in a number of ways.

Although the Station is over 120 years old it has great relevance to our modern world, to our need to understand much more about water in the environment and its use in a sustainable way.

One of the ways in which the potential of the Station will be realised is by the WET project.

**Geoffrey Bond**  
Chairman



Scenes from India, 2006.  
As part of its remit WET will engage with humanitarian projects in Africa and Asia.

## The Project

The Trustees of Papplewick Pumping Station have a vision for Papplewick Pumping Station as a regional centre of learning and engagement about heritage and water related topics. In time it is hoped that the impact of WET will be realised at both national and international level.

The project is a direct response to the historic context of the Papplewick Pumping Station site and a need for this type of project in the East Midlands.

The vision for the project is to explore the “**Think Global, Act Local - how can I make a difference?**” agenda based on the principles of Local Agenda 21\*, through an experience that makes education fun and engaging, as well as making academic research accessible to the public.

WET aims to be a significant part of the regional delivery of environmental education, specifically water related issues and learning about climate change.

Delivery will be based on the Department for Environment, Food and Rural Affairs’ new policy to communicate these issues locally, taking a strategic direction from government’s new statement on sustainability which reinforces the “**Think Globally, Act Locally**” agenda.

\* Agenda 21 is the United Nations declaration on sustainable development, adopted in 1992 at the Earth Summit in Rio. It sets out a comprehensive plan of action to be taken globally, nationally and locally in every area in which humans impact on the environment.

Think Globally, Act Locally

## The Issues

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Water is essential for life, but is a fragile global resource. How we use water impacts on the environment not only locally, but on a global scale. The issues WET will explore are:

- What do we use water for, and how much do we use? - personal, industrial, agricultural, local, global
- Where does our water come from?
- Climate change - how do the issues around climate change affect water resources?
- Water technology - how does traditional and modern technology help us to make water safe to drink or save water?
- New approaches to water conservation - what is the current thinking from the key research institutions and making such research accessible to the public
- A forum for debate – what does all this mean locally and globally?
- How can you make a difference?



Papplewick Pumping Station,  
Engine House detail.

## Project Aims

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The project has six key aims:

- Using the history and heritage of Papplewick Pumping Station to open up learning opportunities about the world we live in today and the issues around water both then, and now.
- Conveying the message of sustainability, with particular regard to water. Visitors must recognise the part they and communities can play through local actions in making global changes.
- Engaging the local community and putting it at the heart of the project by forging partnerships with agencies, schools, and academic institutions.
- Changing perceptions of water and its use by providing learning resources, interactive learning opportunities, a forum for discussion, and by empowering users to make decisions about how they use water.
- Providing practical examples on site of issues discussed eg low flush, or compost toilets for visitors etc.
- Ensuring all developments on site are appropriate and sustainable eg building materials, composting toilets or grey water recycling, becoming an exemplar for green design in a heritage setting.

*How can I make a difference?*

## Partnerships

WET intends to form partnerships with agencies to deliver water related education topics. By engaging with partners the project can use up to date academic research to guide its approach, ensure strategic delivery of initiatives around climate change and education and can access wider audiences. Potential partners have been consulted and include:

- Universities and schools across the UK
- Nottingham Local Agenda 21 Partnership
- Environmental and water organisations such as Severn Trent Water
- WaterAid
- Nottingham City Museum Service
- Local schools
- Community groups

## Delivering Education

WET aims to engage at an individual level - as we all have the ability to respond to water issues. The project will ensure also that it does so in a way that delivers National Curriculum-based learning, and helps to deliver other learning strategies, such as the Department of Culture, Media and Sport's "Inspiring Learning for All".

WET will not replicate other local learning opportunities, but will create new and complementary resources eg web learning packs, interpretation, workshops, outreach etc that reach into aspects of Local Agenda 21 and National Curriculum issues such as Key Stage 4 'Citizenship Unit 12 Global Issues, Local Action':

Section 1: What is Local Agenda 21?

Section 2: How is our community more sustainable?

Section 3: What do we know about local action and policies for sustainable development?

The emphasis is on providing a learning experience that:

- uses the historic environment and issues raised at Papplewick Pumping Station
- is engaging and fun
- promotes Local Agenda 21

so that visitors are well informed, inspired, and act on what they experience.

*Encouraging local action*

## The Benefits of WET

WET will provide a wide range of benefits:

- Delivering a diversity of experience needed to provide education for all about key issues.
- Encouraging a wide range of new educational users from schools to post 16-education. Engaging with sustainability issues using the historic site as a context for discussion. The project will introduce key National Curriculum themes such as citizenship and encourage people to make decisions about how they use water.
- Drawing in a regional audience to give opportunities to discuss water in the context of the East Midlands.
- Serving a local market for water education by offering a complementary resource. Nottinghamshire County Council has highlighted a need for a water conservation education resource in the county.
- The subject matter of WET supports lifelong and family learning opportunities.
- WET's interpretive approach will carry through some of the key themes already developed at Papplewick eg sanitation, disease and poverty and which provide comparison and context for the contemporary situation. WET fully complements the context of the Pumping Station.
- Addressing global issues, and encouraging local action and understanding.



Women collecting water from the only source available in Chobare Meno, Ethiopia

*Addressing global issues*