

# Welcome to the Noel Meeke Heritage Water Park

The park is designed to increase the enjoyment of young visitors to the Museum, but **all** visitors are encouraged to enter and have a go with the historic water devices.

Try many ways of lifting, pumping, carrying and filtering water that were used long, long ago.

Here are some of the things you can do:

## Any questions?

If you have any questions or need help with any of the items in the Water Park please ask a Museum Steward

### Station 3

#### Beam and Bucket Pump

Use the beam and bucket pump to lift water

### Station 2

#### Water Filter

Pour muddy water through the filter and see clearer water come through at the bottom

#### Semi-Rotary Pumps

Pump water with the semi-rotary pumps

#### Water Valve

Operate the big water valve by turning the wheel

### Station 1

#### 'Animal' Powered Capstan Pump

Push the pump handles round on the capstan pump just like a pony or donkey used to do in olden times and see the water flow

### Station 4

#### Yoke and Buckets

Carry water in buckets with the yoke to feel what hard work it was in olden times

#### Stirrup Pump

Operate the stirrup pump as it was in World War Two

#### Village Pump

Make the village pump work to lift water

### Station 5

#### Well and Windlass

Turn the handle and lift water from the well

### Station 6

#### Reciprocating Pump

Turn the handle on the big wheel of the reciprocating pump (hard work) and see the water flow

#### Water Wheel and Hydro-Electric Generator

Make the waterwheel work and produce hydro-electric power

Entrance

Water Purification Area

No Public Access

Seating

Potter's Bench

Seating

## REMEMBER

We really want you to have fun in the Water Park but take care and play it safe!

For user safety and security CCTV may be in operation





Whilst we really want you to have fun in the Heritage Water Park here are some very important things for you to be aware of :

Because the Museum and Water Park has working machinery, children should be supervised by a responsible adult at all times.

**VERY IMPORTANT.  
DO NOT DRINK THE WATER**

The water in the Park is recycled and not meant for drinking. The supply is routinely chlorinated and tested.

As this is a park for all ages, please

- No dogs (except assistance dogs)
- No ball games, bikes, scooters or skateboards
- No litter; please bin it or take it home

Why not encourage your local school to visit the Waterworks Museum? School visits to the Museum are entirely free of charge

## Learn about history in the Water Park

**Capstan Pump** Roman origins but still animal-driven throughout the world, typically by ponies, donkeys and oxen

**Water Filter** Sand filters were developed in Britain (1850s) and are still in use worldwide

**Semi-Rotary Pump** Developed in the late 19th century and used widely from the 1930s

**Beam and Bucket Pump** Called a shaduf in ancient Egypt and used since about 2000BC in the middle east and then worldwide

**Village Pump** Began as a wooden pump in the 18th century, then made of iron or lead. Maximum lift about 7 metres

**Yoke and Buckets** Used since early man began to farm; still used throughout the world to carry water and milk

**Stirrup Pump** Developed in Britain in the 1930s. Used in WW2 for extinguishing fire bombs

**Village Well** Used ever since people could dig down for water; in worldwide use

**Reciprocating Pump** This model was made in 1938 and used to supply water for Kinwarton in Warwickshire. Originally driven by an electric motor

**Water Wheel and Hydro-Electric Generator** This is an overshot waterwheel, the most efficient type. Waterwheels date from Roman times; hydro-electric power was developed in Britain in the 1880s

This park was built with support from



The Southall Trust

## Waterworks Museum - Hereford

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Waterworks Museum - Hereford is a charitable trust, supported by donated funds and volunteer help  
Registered Charity No 515866



# The Noel Meeke Heritage Water Park

A paradise for children of all ages where you can safely lift, pump, carry and filter water just as it was done long, long ago



Kids: water is really cool and fun so this Water Park is just for you!