

## **Geography KS1- Information for teachers**

2014 National Curriculum link:

**‘Use basic geographical vocabulary to refer to key physical features, including rivers’**

**‘Use simple fieldwork and observational skills’**

***Science link-* ‘compare and group together a variety of everyday materials on the basis of their simple physical properties’**

Objectives covered (linking to the Chris Quigley ‘Essentials’)

- ‘Use basic geographical vocabulary to refer to and describe key physical and human features of locations, including rivers’
- ‘Use fieldwork and observational skills’.
- Ask and answer geographical questions (such as: What is this place like?)

Activities:

### **1) Trail:**

\*Children spot different landmarks in the park relating to rivers such as the stream, weir, viaduct and Petrifying Well. These are all explained in child friendly language.

\*The process of petrification is explained and children collect some of the water to test it’s mineral content.

\*Spot the difference- children find geographical differences between the well 5 years ago and the well now.

### **2) Powerpoint presentation:**

The presentation should be used as a follow-on activity back in the classroom as children:

- ✓ Revisit landmarks spotted
- ✓ Test their water against normal tap water to compare mineral content

- ✓ Look at porous and non-porous rocks- experiment with water reduction
- ✓ Group rock crystals according to size, shape, colour, texture etc.

*\*possible extension activity ideas included*

Resources needed:

- *Pencils*
- *Rubbers*
- *Water bottles to collect water from the well*
- *Water testing kit*
- *Porous & non-porous rock*
- *2 measuring jugs*
- *Selection of rocks and rock crystals (available to purchase from the museum)*

Testing well water- <http://www.wikihow.com/Test-Water-Quality>