



### TEACHER & PARENT NOTES

#### You will need:

All you need for these activities is a pencil or pen, colouring crayons, and paper. There are opportunities for extra creativity and for these you will need scissors, some kitchen items/ clean litter and everyday household items/materials for experiments.

#### Discussion ideas to support learning throughout activities:

Read through the activity sheet with the children, ensuring they know what the key words mean. Where they don't understand a new word, encourage them to use a dictionary to find a definition.

Ask children to think about their own area. Do they have a water course local to them? Have they seen any litter or pollution around that stream or river? Next time they are on a walk they could keep an eye out for litter and count how many pieces and how many types of litter they see. How do they feel when they see litter?

#### Extension activities for further research (including suggested links if applicable):

Research your local river or stream to find out what creatures live there. How would they be affected by pollution in their habitat? Draw an ID guide to one of these creatures.

Test out the extension activity experiments at the back of the activity pack!

- How long until it is gone?
- Awful acid rain is rotten!
- Portable pollution and sometimes it pongs!
- Oil slick and stick!

Research water pollution solutions from around the world. What clever ideas have different people thought up? Could we use that in the UK?

These activities are suitable for Key Stage: **1 and 2**

#### Learning outcomes:

Learners will be able to explain what is meant by the term pollution

Learners will look closely to identify practices which can cause water pollution

Learners will explore ways in which water pollution can affect plants and animals

Learners will understand some ways to reduce water pollution

Learners will develop their awareness of environmental issues and consider how we can change to live sustainably.

#### Curriculum Links:

**Geography:** physical and human geography including rivers and surrounding environment.

**Science:** change in local environments, human impacts on environments positive and negative, animal adaptation to the environment and how changes can affect this.

Complete the other exciting activity packs found on the Unlocking the Severn website by visiting <https://www.unlockingthesevern.co.uk/>