

Activity Support Document

Water working wall



Topic | Water

Introduction

The activity gives a teacher the resources to be able to create a working wall which they can build and add to over a series of lessons. They can use it to help the learning in other activities created in this series:

- ✓ **The water cycle**
- ✓ **How much water do we waste?**
- ✓ **What's my job?**

Content and images from these other activities can also be added to the working wall.



User Environment Agency STEM Ambassador



Age group Ages 4 - 11



Length of activity Created and adapted over a period of weeks



Subjects Science, Geography

> What is the activity about?

A working wall is an interactive classroom display that is adapted and added to over a period of time as pupils study a particular topic. It usually includes pictures, key words, questions, diagrams and pupils' work. This activity pack includes resources to create a working wall on the theme of water. A teacher can use all the resources in the pack or they can use some of them to supplement their own display.

As a STEM Ambassador you are not expected to create the working wall, but if one is present in a classroom you may choose to use it to support your discussion with the children about your role in the Environment Agency and any water based activities you may carry out with them. In advance of any water activity you are delivering in a school speak with the teacher to see if there is anything you might be able to bring along to add to the working wall such as photos or posters.

The resources used to create a working wall are available in this pack to give STEM ambassadors an idea about how a working wall works and the key words pupils will be using.

> Key words

dissolve	mixture	celsius	precipitation	lake	flooding
filter	pour	degrees	transpiration	sea	drought
freeze	powder	condensation	water vapour	ocean	extreme weather
gas	properties	condense	temperature	run-off	solution
insoluble	separate	evaporate	river	precipitation	state of matter
liquid	sieve	evaporation	valley	infiltration	fresh water
melt	solid	freezing point	mountain	flows	salty water
mix	soluble	melting point	stream	ground water	soil
suspension	undissolved	water cycle	pond	deposition	air

> Where does this fit into the National Curriculum?

Science - Year 4 - States of matter

- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Geography - Key Stage 2 - Human and physical geography

- Describe and understand key aspects of physical geography, including the water cycle.

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