




## Activity Support Document

### Water working wall





 **Topic** | Water

### Introduction

This 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** Teacher
-  **Age group** Ages 4 - 11
-  **Length of activity** Created and adapted over a period of weeks
-  **Subjects** Science, Geography

## > What is the activity about and how to organise it?

The idea behind the working wall is that the resources are used to create a display which develops over a period of time as pupils undertake activities related to water. Teachers can use the materials flexibly and adapt them to their needs and requirements. The vocabulary, questions and images may be used to fit in with the teachers' own thoughts, ideas and teaching strategies or they could be used with the other activities in this series of resources on water.

The vocabulary could be used in sections to support the teaching of individual areas. For example, when teaching the water cycle the words evaporation, condensation and precipitation may be used along with the water cycle diagram.

There is a range of question prompts which may stimulate discussion and images to use alongside classroom teaching and/or a session with an Environment Agency STEM Ambassador. It may be that the different questions and images are displayed on a step-by-step approach as each section is taught and further questions are added to create further discussion points. Children's work can be added alongside the display as they develop their understanding and complete activities.

If an Environment Agency STEM Ambassador visits they could be asked to add images and questions to the wall.

**To help with the display the following materials are also included:**

- Water working wall vocabulary
- Water everywhere title and prompt questions
  - There are 2 versions of both these materials one with and one without pictures so teachers can select the version which best suits their needs. The title 'Water everywhere' is to be printed on 2 sheets to make it bigger as it is a title.
  - Word versions of the key words and questions are also available so teachers can adapt the materials as required.
- Water cycle diagram - It is recommended that this be printed as A3 size so that it has the desired impact on the classroom wall.

**> 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.

## > Equipment needed for this activity



Water working wall vocabulary and accompanying pictures printed off as required



Water working wall display materials printed off



Water cycle diagram printed off - A3



Drawing pins / Glue / Blutac / Spraymount to stick display to the wall