

Curriculum Impact Report

Aceville Demo School

Report focus areas

Category	Selected Category Focus
Key Stage	'ks 2'
Subject	'science'

Showing

Only boards that include all areas of report focus.

Reporting Period

03/08/2021 - 14/07/2026

Curriculum Insight Snapshot

Curriculum Breadth & Coverage

This collection of moments provides a focused snapshot of learning across Key Stage 2, with experiences captured from Year 3 through to Year 6. Thematically, there is a strong concentration on Science, particularly topics related to plants, living things, and working scientifically. This is frequently framed through the lens of the school's eco-initiatives, with tags for biodiversity, water, and school grounds appearing in several moments. While the focus is predominantly on science, there are also clear connections to Design & Technology and Geography, and one moment from Year 3 explicitly links the study of plants to a reflection on creation within RE. The overall picture is not a broad sweep of the curriculum, but rather a deep dive into how scientific and ecological themes are being explored.

The Curriculum in Action (Lived Experience)

A significant thread running through these moments is the way pupils experience scientific concepts through practical, hands-on investigation. This is particularly evident in the context of the school's eco-work. For instance, the 'Seedlings Project' shows Year 3 pupils not just learning about plants, but actively testing light conditions to inform where their seedlings will grow best in the school garden. Similarly, the 'Water Cycle In A Bag' activity provides a tangible, observable model for a complex natural process. Pupil agency is also visible, with the eco-council in Key Stage 2 shown reviewing resources to help shape their own projects. These experiences naturally create cross-curricular links, connecting scientific principles with Design & Technology in the 'Fairground' creation and Geography in the study of the water cycle.

Capturing the Narrative Depth

Two of the captured moments have minimal descriptive text to accompany their images. While the photographs of the 'Fairground' ride and the 'Evolution And Inheritance' display are helpful, adding a little more context would greatly strengthen their part in the curriculum story. For a practical project like the fairground ride, a brief note on the specific forces or mechanisms pupils were exploring would be valuable. For a display showing a 'range of skills', naming one or two of those skills—such as classifying, observing, or recording—would provide a much clearer insight for a subject leader's review. These small additions can help make the purpose and learning behind the visual capture more explicit.

Boards

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Eco-school Early Decisions

Created by Blippit Support
Added 01/07/2022



"Eco-school Early Decisions" evidence

One of our three topics is water. I had a look at the Anglia water board Resource. The key stage two members of eco-council are going to go through some parts of the Resource with me to see if anything in particular interest them and fits our goals.

ks 2

year 4

year 5

year 6

sci: living things & habitats

sci: plants

sci: working scientifically

geography

science

eco: school grounds

eco: water

access: key vocabulary

classroom

Our Living Space With Nature

Created by Aceville Eco
Added 17/06/2022



" Our Living Space With Nature " evidence

We used these photos of building design to kickstart a chat with the children about plants and where they grew. It was a really good introduction to lots of things and highlighted how people and plants can live together. I think we will be turning our walls outside green very soon! I recorded the sound of the children thinking 'in their heads!'

ks 2

year 4

year 5

sci: everyday materials

sci: living things & habitats

sci: plants

sci: uses of everyday mats

design & technology

science

eco: biodiversity

eco: school grounds

eco: water



" Our Living Space With Nature " evidence

Seedlings Project

Created by Mrs Eccles
Added 18/10/2021



"Seedlings Project" evidence

This activity was part of our biodiversity learning in support of eco-schools where the children were checking on the progress of their seedlings. They had recently changed the lighting levels and we're exploring which plants seem to be doing best in lighter and darker situations. This we would link to our garden area and help us work out which seedlings will be happiest where!

ks 2

year 3

sci: light

sci: plants

sci: working scientifically

design & technology

science

eco: biodiversity

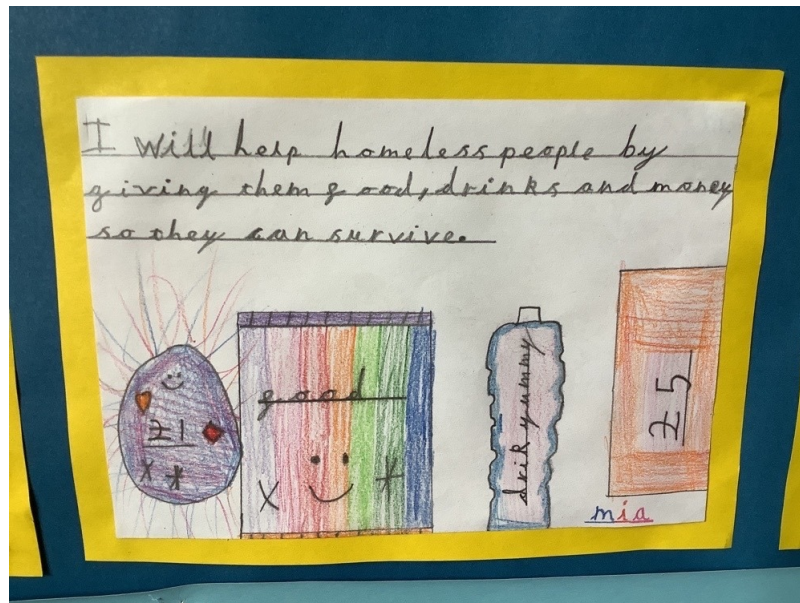
eco: water

access: personalised learning

classroom

Plants

Created by Mrs Eccles
Added 03/08/2021



"Plants" evidence

We loved learning about Plants in Science. Not only were we fascinated by the pollination process, but we were awe-inspired by the incredible beauty in God's world- how can flowers be SO intricate and well-designed? We took some time to think about how we could use our talents to protect God's work. Attached are just some of our ideas... #GodsChildrenDoingGodsWork

ks 2

year 3

sci: plants

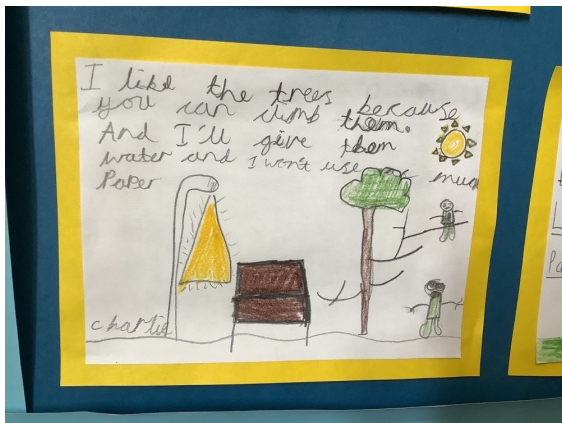
sci: working scientifically

re

science

access: working wall

classroom



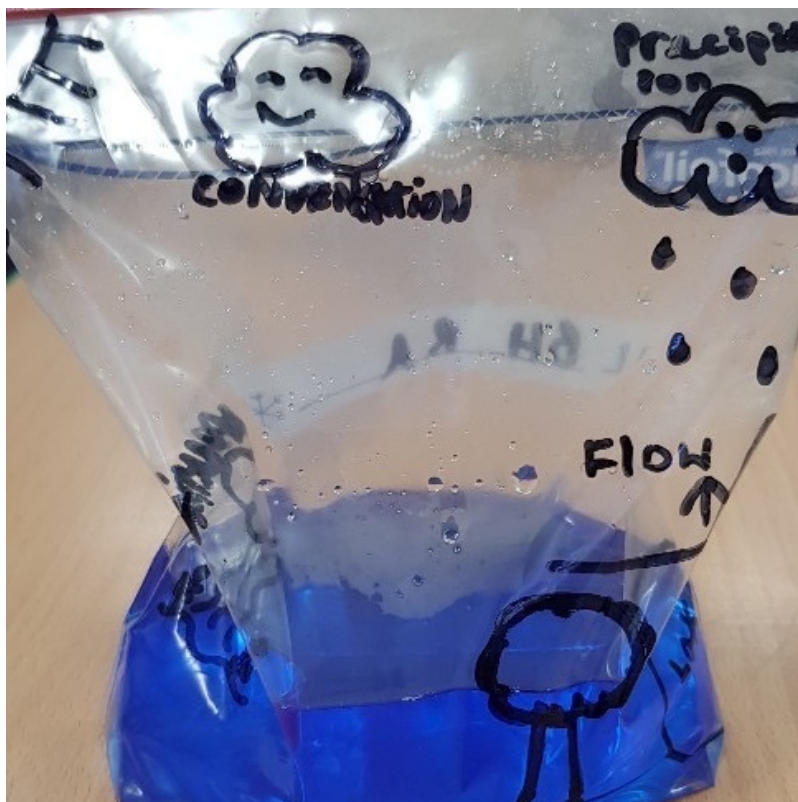
"Plants" evidence



"Plants" evidence

Water Cycle In A Bag

Created by Mrs Eccles
Added 03/08/2021



"Water Cycle In A Bag" evidence

For our science (states of matter) we created a water cycle in a bag. The children drew the water cycle on a clear plastic bag and poured blue water in. We went outside into the sun to observe the effects of heat (the sun).

ks 2

year 3

year 4

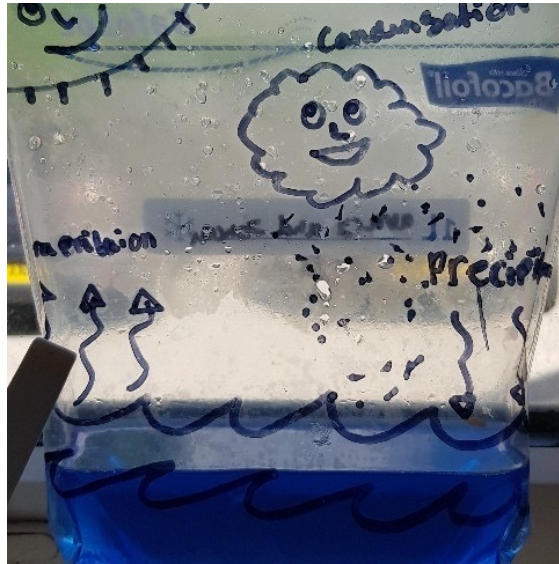
sci: living things & habitats

sci: seasonal changes

sci: states of matter

geography

science



"Water Cycle In A Bag" evidence

Fairground

Created by Mrs Eccles
Added 03/08/2021



"Fairground" evidence

Using motors and pulled, a fairground ride was created

ks 2

year 6

sci: forces

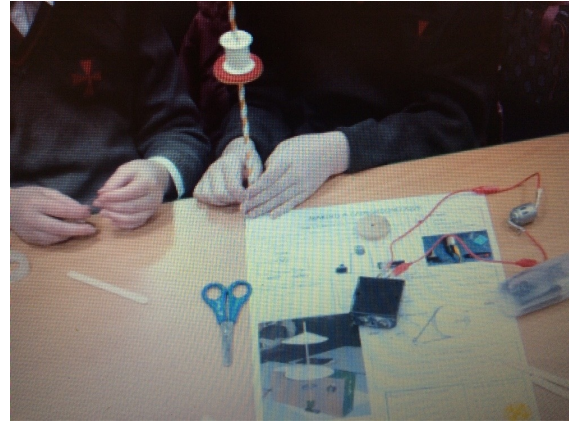
design & technology

science

classroom



"Fairground" evidence



"Fairground" evidence

Life Cycles

Created by Mrs Eccles
Added 03/08/2021



"Life Cycles" evidence

Visual aid to work on life cycles showing how living things are classified into groups and linking to their life cycles

ks 2

year 4

year 5

year 6

sci: animals incl humans

sci: working scientifically

science

access: dyslexia-friendly

access: visual aids

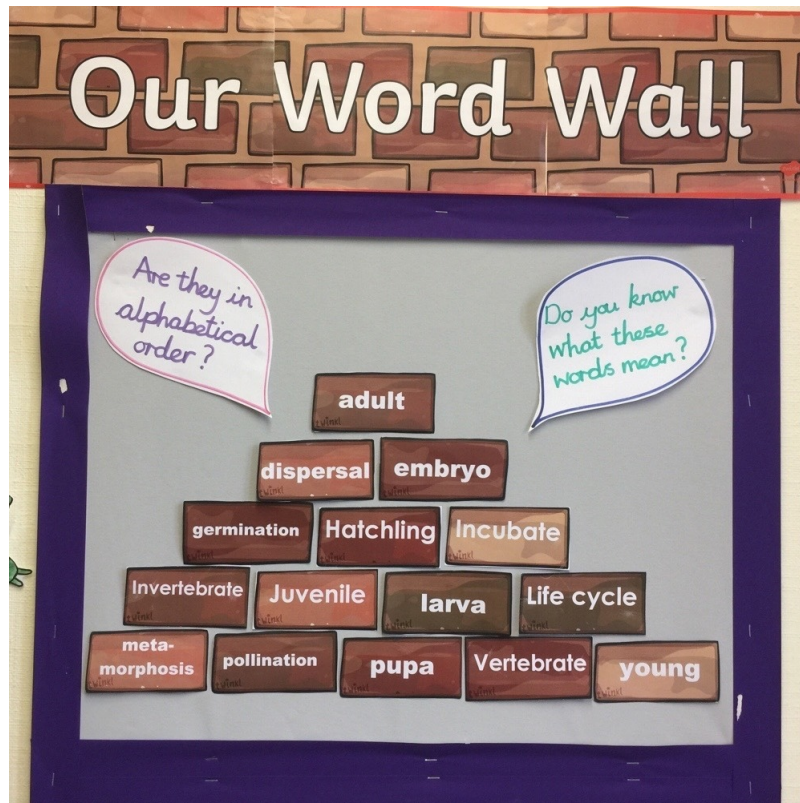
access: working wall

cloakroom

pod

Word Wall

Created by Mrs Eccles
Added 03/08/2021



"Word Wall" evidence

Topic focused vocabulary used for spelling prompts and linked to alphabet/dictionary work, word maps and Word Aware teaching concepts

ks 2

send 1

year 4

year 5

year 6

eng: reading

eng: speaking & listening

sci: animals incl humans

english

science

access: visual aids

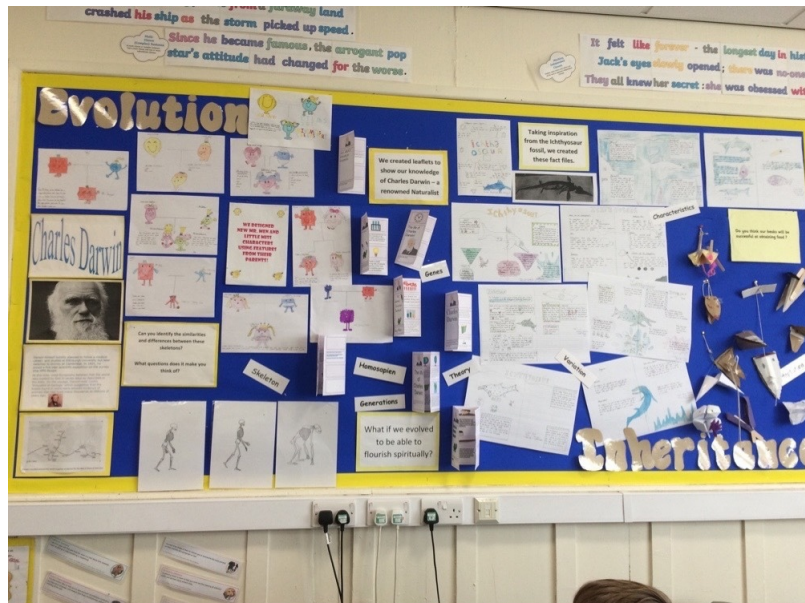
access: working wall

classroom

pod

Evolution And Inheritance

Created by Mrs Eccles
Added 03/08/2021



"Evolution And Inheritance" evidence

Build up of science unit showing a range of skills

ks 2

year 6

sci: evolution & inheritance

sci: working scientifically

science

access: working wall

cloakroom