

As the project evolves we are seeing schools use Polli:Nation in a variety of creative ways. Key observations and curriculum links at this stage include:

Primary

Literacy

Supporting children to be competent in the art of speaking and listening, making formal presentations, demonstrating to others and participating in debate. Developing noun phrases and their descriptive writing styles.

Numeracy

Improving numeracy skills with the use of tally charts, block diagrams and simple tables; counting the number of objects in each category and sorting the categories by quantity; totaling and comparing categorical data and solving comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Science

Y1 and 2 observing closely, using simple equipment, performing simple tests, identifying and classifying, gathering and recording data to help with answering questions. Identifying and naming a variety of common wild and garden plants, observing seasons.

Y3 have studied plant lifecycle and pollination and learnt that animals need the right types of nutrition.

Y4 studied predator prey relationships, food chains, classification groups and keys, water cycle, and learnt that a change in the environment can pose dangers to living things.

Y5 studied lifecycles reproduction in plants, mixing solutions and mixtures and learnt that this is reversible change.

Y6 looked at classification, pollination, water and nutrient transportation in animals and plant, adaptation and reproduction, evolution.

Geography

Understanding basic subject-specific vocabulary relating to human and physical geography and beginning to use geographical skills, including first-hand observation, to enhance their locational awareness.

Collecting, analysing and communicating with a range of data gathered through experiences of fieldwork that deepen their understanding of geographical processes.

Art



We are seeing a huge range of creative projects, watch the website for more ideas.

KS3 curriculum

Science

Working scientifically

Experimental skills and investigations

Analysis and evaluation

Reproduction

Studying reproduction in plants, including flower structure, wind and insect pollination, fertilisation, seed and fruit formation and dispersal, quantitative investigation of some dispersal mechanisms.

Relationships in an ecosystem

Understanding the interdependence of organisms in an ecosystem, including food webs and insect pollinated crops.

Learning about the importance of plant reproduction through insect pollination in human food security.

Looking at how organisms affect, and are affected by, their environment, including the accumulation of toxic materials.

Geography

Building on their knowledge of globes, maps and atlases and applying and developing this knowledge routinely in the classroom and in the field.

Interpreting Ordnance Survey maps in the classroom and the field, including using grid references and scale, topographical and other thematic mapping, and aerial and satellite photographs.

Using Geographical Information Systems (GIS) to view, analyse and interpret places and data.

Using fieldwork in contrasting locations to collect, analyse and draw conclusions from geographical data, using multiple sources of increasingly complex information.

We are also seeing links made to Citizenship, D & T, art and IT links

Other wider school links include:

STEM curriculum topics (under development)

Vocational training in horticulture

Sustainable schools grounds targets

RHS qualifications

RHS School Growing schemes

John Muir Award scheme



Duke of Edinburgh Award Scheme
Inclusion programmes and enrichment activities

