



Learning Portfolio

Emma Johnson

AGE
8 years

PERIOD
September - December 2025

TOTAL ENTRIES
24 activities

This term has been filled with curiosity and growth. Emma has shown particular interest in natural sciences and creative writing. Her confidence in mathematics has grown significantly, and she continues to develop her artistic skills with enthusiasm.

01 Pond Dipping at Nature Reserve

12 SEPTEMBER 2025

We spent the morning exploring the freshwater habitat at the local nature reserve. Emma used a dipping net to collect specimens and identified various aquatic creatures including pond skaters, water boatmen, and a newt. She recorded her findings in her nature journal with detailed sketches.

DURATION
180 minutes

CATEGORIES

Science

Nature Study

Art

02 Fractions with Pizza Making

15 SEPTEMBER 2025

A practical mathematics lesson making pizza from scratch. Emma learned about halves, quarters, and eighths while preparing her pizza toppings. She calculated ingredient quantities and divided the pizza fairly among family members, reinforcing her understanding of equivalent fractions.

DURATION
120 minutes

CATEGORIES

Mathematics

Cooking

Life Skills

03 Victorian Era Museum Visit

22 SEPTEMBER 2025

Visit to the local history museum to explore the Victorian era exhibition. Emma was particularly interested in the schoolroom display and the differences between modern and Victorian education. She completed a worksheet comparing school life then and now.

DURATION
150 minutes

CATEGORIES

History

Social Studies

Field Trip

04 Creative Writing: The Magic Forest

28 SEPTEMBER 2025

Emma wrote a 500-word short story about a child who discovers a magical forest behind their garden. She focused on descriptive language and character development. The story demonstrated good use of dialogue and built tension effectively toward the conclusion.

DURATION
90 minutes

CATEGORIES

English

Creative Writing

05 Botany: Plant Life Cycles

05 OCTOBER 2025

Emma set up a bean growing experiment to observe plant life cycles firsthand. She planted beans in clear plastic cups to watch root development, measured daily growth, and documented changes in her science notebook. The experiment culminated in transplanting the seedlings to the garden.

DURATION
Over 3 weeks

CATEGORIES

Science

Biology

Observation

06 Geometry Through Architecture

12 OCTOBER 2025

A field trip to a local cathedral to explore geometric shapes in architecture. Emma identified various shapes including pointed arches, ribbed vaults, and circular rose windows. She sketched the floor plan and calculated the perimeter and area of different sections.

DURATION
180 minutes

CATEGORIES

Mathematics

Geometry

Art History

07 Shakespeare Workshop for Children

19 OCTOBER 2025

Emma attended a drama workshop exploring A Midsummer Night's Dream. She learned about iambic pentameter, performed scenes with other children, and created her own fairy character with costume and backstory. The workshop concluded with a short performance for parents.

DURATION
240 minutes

CATEGORIES

English Literature

Drama

Performance

08 Charity Bake Sale Planning

26 OCTOBER 2025

Emma organized a bake sale to raise money for a local animal shelter. She calculated costs, priced items for profit, managed inventory, and handled customer transactions. The project raised 45 pounds and taught valuable lessons in entrepreneurship and community service.

DURATION
Over 2 weeks

CATEGORIES

Mathematics

Business

Citizenship

09 Autumn Nature Walk and Poetry

02 NOVEMBER 2025

A woodland walk to collect autumn leaves and observe seasonal changes. Emma used her observations to write haiku and free verse poetry about the colours, sounds, and feelings of autumn. She pressed her favourite leaves to include with her poems.

DURATION
120 minutes

CATEGORIES

English

Poetry

Nature Study

10 Simple Machines Workshop

09 NOVEMBER 2025

Emma built working models of levers, pulleys, and inclined planes using household materials. She tested how each machine made work easier by measuring the force required to lift objects. She documented her findings with diagrams and conclusions about mechanical advantage.

DURATION
150 minutes

CATEGORIES

Science

Engineering

DT

11 Map Skills and Orienteering

16 NOVEMBER 2025

Emma learned to read Ordnance Survey maps, identify symbols, and use a compass. She applied these skills in a local park orienteering course, navigating between checkpoints using map coordinates and compass bearings. She calculated distances using the map scale.

DURATION

180 minutes

CATEGORIES

Geography

Navigation

PE

12 Holiday Card Lino Printing

23 NOVEMBER 2025

Emma designed and carved a lino block for printing holiday cards. She learned about negative space, practiced safe carving techniques, and experimented with different coloured inks. She printed 15 cards to send to family and friends.

DURATION

Over 3 days

CATEGORIES

Art

Printmaking

Design
