

Mud, Muck and Mixtures



Autumn 2026



Why Am I Learning This?

We are going to explore the exciting world of mud, muck and mixtures! We will use our senses to investigate natural materials, mix, make and create. Through hands-on experiences and play, we will develop our curiosity, imagination and early skills. We will explore the outdoor environment around our school and local area in Swansea, discover minibeasts, plants and the changes we see around us. We will learn to care for our environment, notice how materials change and find out how we can make a positive difference in our world.



Small hands...
big adventures!



Key Questions

- What amazing things can we discover in the mud?
- How can we mix different materials to create new textures and mixtures?
- What lives in the soil and how do we know?
- How does water change mud and other materials?
- Can we use natural materials to make something new?
- What would happen if... we didn't have worms?



My Learning Journey

Science & Technology

Asking questions • Being curious • Exploring • Observing closely
Predicting • Testing ideas • Noticing changes and patterns
Talking about findings • Exploring living things • Materials
Forces and movement • Weather/environment • Using simple tools
Designing and making • Beginning digital skills

Humanities

Exploring their local environment (Swansea) • Asking questions
Talking about past and present • Recognising change
Family/community • Welsh identity and culture • Exploring different places
Caring for the environment • Making observations • Beginning to use simple maps • Developing respect for people and different perspectives

Expressive Arts

Exploring colour, texture, sound and movement • Drawing and painting
Printing • Modelling • Singing • Playing instruments • Moving to music
Drama/role play • Exploring stories • Creating imaginatively
Responding to art/music • Sharing ideas • Developing confidence and creativity

Health & Wellbeing

Developing independence • Recognising and expressing feelings
Building relationships • Turn-taking and sharing • Resilience
Problem-solving • Self-regulation • Personal hygiene • Healthy choices
Gross motor skills • Fine motor skills • Spatial awareness • Safety
Developing confidence and self-esteem



Literacy, Numeracy & DCF

Languages, Literacy & Communication

Listening and responding • Speaking confidently • Building vocabulary • Taking part in conversations • Retelling stories
Enjoying books • Phonics awareness • Mark-making
Beginning to write for a purpose • Recognising their name
Developing Welsh language • Communicating ideas, feelings and questions

Mathematics & Numeracy

Counting • Recognising numbers • Understanding quantity
Comparing amounts • Subitising • Ordering numbers
Exploring patterns • Shape and space • Measuring
Sorting and classifying • Using mathematical language
Applying maths in play and real-life situations
Explaining mathematical thinking

Digital Competence Framework

Using simple technology to take photos, record and share our learning.

Learn, have fun and reach for the stars!

