FS2 Science Knowledge Organiser (UW– The World)



Outcomes Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.

COEL •Making links and noticing patterns in their experience •Making predictions •Testing their ideas •Developing ideas of grouping, sequences, cause and effect Choosing ways to do things •Planning, making decisions about how to approach a task, solve a problem and reach a goal •Checking how well their activities are going •Changing strategy as needed •Reviewing how well the approach worked

UW– World Topics Covered in FS2

Autumn

Elmer

Dinosaurs

Pets and Wild Animals

Farm Animals

Transport

Minibeasts

Space

Word Bank

Experiment, predict, guess, notice, similar, different, change, float, sink, compare, explain, idea, season, weather, dinosaur, fossil, explore, investigate, herbivore, carnivore, extinct, rough, smooth, shiny, heavy, light, animal names, animal habitats, crops, vegetable names, tractor, combine harvester, field, barn, space, universe, solar system, planet names, rocket, astronaut, alien, Earth

Possible Experiences

- Exploratory play
- Investigating signs of Autumn
- Mixing and making colours
- Discovering a dino egg
- Palaeontologist role play area
- Hibernation experiment
- Skittles experiment
- Comparing different materials
- Float or sink experiment
- A visit to the farm
- Farm shop role play area
- Comparing wild and domestic animals
- Space Dome visit
- Fast or slow experiment
- Minibeast hunt/making bug hotels

Key Knowledge

- Identifies animals and knows common animal names
- Understands that seasons are a time of year
- Explains some basic changes between seasons
- Makes simple predictions of what might happen
- Describes different materials
- Identifies and names colour and predicts what might happen when they are mixed
- Learns key vocabulary (see individual knowledge organisers)
- Answers how and why questions
- Talks about a simple life cycle e.g; The hen life cycle
- Can talk about similarities and differences between two animals/plants/environments