

What are the aims and intentions of this curriculum?

Nursery

That children:

- are allowed to explore and discover the science in the world around them.
- are provided with the opportunities to develop their curiosity and to ask questions.

Unit	Topic	Knowledge	Skills	Vocabulary
1	Plants	To know that growth means change. To know that seeds can grow. To know some of the things a seed needs in order to grow; water.	Compare plants and trees using everyday language. Observe changes over time. Compare and sort plants using simple characteristics; green leaves/ brown leaves etc. Ask questions about plants and trees. Predict what will happen to a seed.	seed, grow, tall, water, soil
2	Materials	Know the names of four natural materials. Know that materials can be used to build and make. Know that materials can feel different. Describe materials using their senses in simplistic terms.	Identify common materials. Compare common materials. Sort/classify common materials.	water, mud, sand, wood, build, make, soft, hard, bumpy
3	Animals including humans	Know the names of four basic features on their head. Know the names of four basic body parts. Know that they are a child. That they will change over time. That they were a baby. Can name 6 farm animals and describe their features. Recognise and name a worm, spider and ant. Know the names of 3 common household pets; cat, dog, rabbit. Know that living things move. Use their senses to explore a range of objects.	Identify common animals. Compare common animals. Sort animals. Classify (according to how they look) Mark-make and draw. Observe animals. Observe changes over time (lambs at the farm/ sheep) Identify patterns; they both eat grass	ears, nose, mouth, eyes, head, shoulders, knees, toes, arm, legs, fingers cow, pig, sheep, chicken, goat, horse, lamb, wool, horn, snout, worm, spider, ant, legs, wiggle, crawl, climb, cat, dog, rabbit
4	Seasonal changes	Notice what is happening to the weather in Autumn, Winter, Spring, Summer.	Observe, describe, and compare seasonal characteristics & changes. Gather information. Ask simple questions.	Cold, snow, hard, empty, ice, dark, autumn, spring, winter, summer hot, sun, rain, sky, tree