

Mayfields Farm Education programme

Many of these topics can be adapted to suit age range so please tell us what you are interested in. Some may depend on season or numbers.

Topic/session	Brief summary of possible activities	Age group	Broad curriculum links
Farm trails	Explore the farm, choosing a seasonal trail, sensory trail, map trail, nature/unnature trail, journey sticks trail. (These are often incorporated with other sessions as one of the activities, some may be self-guided)	EYFS (ELG14) KS1 KS2	Science <u>Animals including humans</u> , Plants (identify a variety of animal and plants) Yr 1 <u>Living things and their habitats</u> (living/dead/never alive, microhabitats) Yr 2 <u>Seasonal Changes</u> (observe across four seasons, describe associated weather) Yr 1 <u>All Living Things</u> (changes to the environment) Yr 4 Geography <u>KS1/2 Geographical Skills and Fieldwork</u> (locational and directional language, recognise landmarks and features on a plan, points of a compass)
Habitat studies/minibeast safari	Explore different habitats - pond, woodland, grassland hedgerow. Can include pond dipping, sweep netting in long grass, woodland minibeast hunt, microhabitats trail, visit to the red squirrel enclosure.	EYFS (ELG14) KS1 KS2+	Science <u>All Living Things</u> (classification) Yr 4 <u>Living things and their habitats</u> (classification, interdependence, foodchains, lifecycles) Yr 2, Yr 6, Yr 5 <u>Animals including humans</u> (identification, herbivores and carnivores, food chains) Yr 1/Yr 4
Plants	Discuss parts of a plant, planting and growing, learn about seed dispersal, pollination and pollinators, exploring trees. Plant a seed in a newspaper pot. Play the plant requirements game. A more detailed session on bees and bee keeping may be possible with our bee keeper.(plenty of notice required)	EYFS (ELG14) KS1 KS2	Science <u>Plants</u> (functions of parts, growth requirements, lifecycle, pollination, seed dispersal) Yr1, Yr2, Yr3 NB A series of sessions over a period of time to explore growing vegetables in our garden can be arranged.

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<p>Soil and composting</p>	<p>What is soil made from, how much of our Earth is covered with soil, compare different types of soil . Learn about composting and our keyhole garden.</p>	<p>KS2</p>	<p>Science <u>Rocks</u> (recognise that soils are made from rocks and organic matter.) Yr 3</p>
<p>Adaptation and evolution</p>	<p>Learn about and identify our different sheep breeds and discover why British red squirrels are in trouble. This could also include looking at adaptation of water creatures through pond dipping or looking at bird adaptations.</p>	<p>KS2</p>	<p>Science <u>Evolution and inheritance</u> (inherited traits, adaptation, competition for survival) Yr 6</p>
<p>All about wool</p>	<p>Explore and test properties of wool and learn about traditional crafts eg spinning, weaving and felting. Compare real sheep fleeces. Make a fleecy piece of craft to take home!</p>	<p>EYFS KS1 KS2</p>	<p>Science <u>Everyday materials</u> (identify and compare uses for materials Y2 <u>Properties and Changes of Materials</u> (Use fair tests to give reasons for the particular uses of everyday materials - wool) Y5 Art and design (use a range of materials)</p>
<p>Managing the farm for wildlife</p>	<p>Learn the importance of hedgerows and field margins and how the CRT and Mayfields put this into practice. Can include a hedgerow walk and discussion on food chains and effects of certain farming methods.</p>	<p>Upper KS1 KS2 +</p>	<p>Science <u>All Living Things</u> (environmental change can sometimes pose dangers to living things.) <u>Animals including humans</u> (food chains, identifying producers, predators and prey) Year 4 Geography <u>Locational Knowledge</u> (changes of features and land uses over time) KS2</p>

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<p>Ask the farmer!</p>	<p>What does a farmer do? Find out about all the jobs Sarah has to do at Mayfields. (EYFS/KS1)</p> <p>Prepare questions to find out about sheep farming at different times of year, and what the job involves. (KS2)</p>	<p>EYFS KS1 KS2</p>	<p>Science <u>Animals including humans</u> (find out about and describe the basic needs of animals for survival, discuss how animals have offspring which grow into adults) Yr 2</p> <p>ELG 14 The world: observations of animals and plants and explain why some things occur, talk about changes.</p> <p>ELG 5 Health and self-care: talk about ways to keep healthy and safe.</p>
<p>Birds at Mayfields</p>	<p>Visit the bird hide and test your birdwatching skills. Learn about bird adaptations for different habitats (beaks, feet and feathers) Find out why some farmland bird species are under threat.</p>	<p>EYFS KS1 KS2+</p>	<p>Science <u>Evolution and inheritance</u> (identify how animals and plants are adapted to suit their environment) Yr6 <u>Living things and their habitats</u> (discuss how living things live in habitats to which they are suited) Yr2</p>
<p>Working sheepdog displays or 'Meet the animals'</p>	<p>If available, the farmer could provide a sheepdog demonstration. This is great to show the importance of communication and how the dog and owner work as a team. We may be able to organise for small groups to meet some of the animals.</p>	<p>EYFS KS1 KS2 +</p>	<p>British values and SMCS ELG 6, 7, 14</p>
<p>Literacy based visit</p>	<p>Share the story 'The Great Sheep Shenanigans' (by Peter Bently and Mei Matsuoka)) and discuss clues about sheep, wool, seasons and camouflage. This will lead into activities which make links to these areas and allow children to explore the farm.</p>	<p>EYFS/KS1</p>	<p>English – Reading (ELG 9, 1) <u>Develop pleasure in reading, motivation to read and vocabulary,</u> <u>Understand books read to them</u> (drawing on what they already know, learning to appreciate rhymes, discussing new word meanings, make inferences and predicting what might happen)</p>