

KS1 and KS2

Curriculum Links: Design and Technology, Science

Time	Activity
10:00	Arrive, welcome and introduction
10:15	Tour of farm
11:15	Visit the vegetable garden
12:15	Lunch and waste audit
13:00	Food growing activity
14:00	Programme ends

Important information about your visit

- Please ensure pupils bring a packed lunch
- Please ensure that pupils wear suitable clothing: this should be something that won't spoil if it gets a bit dirty and should be appropriate for the season of your visit. At all times of the year, the optimum clothing includes waterproofs and wellies
- **It is essential that all pupils and participants bring two pairs of footwear: a pair suitable for the tour of the farm (ideally wellies) and a pair for indoor/travel use**

Summary of activities

Tour of farm

Pupils will visit our organic dairy farm to see our livestock and learn more about what they produce. They will discover the inputs, outputs and processes of a working organic farm system.

Visit vegetable garden

Pupils will explore the diversity of vegetables grown organically in our garden and learn about which plant parts can be eaten and in which season. They will also learn about plant families and the importance of these groupings in the planning of an organic vegetable garden.

Waste audit

Pupils will be encouraged and helped to sort their lunch leftovers into containers for recyclable and non-recyclable items, as well as food waste for composting.

Food growing activity

Pupils will explore the wide range of decisions required to grow plants from seed. They will discuss the requirements for plant growth and the alternative ways that plants can be grown. Emphasis will be on encouraging pupils to develop their thinking skills through considering the choice of growing medium and container.

Links to the New Primary Curriculum

An Organic Food and Farming Day contributes to the following curriculum areas:

KS1 and KS2 Design and Technology

Cooking and nutrition

- understand where food comes from. (KS1)
- understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed. (KS2)

KS1 and KS2 Science

Seasonal changes

- observe change across the four seasons and describe weather associated with the seasons and how day length varies. (Year 1)

Plants

- identify and name a variety of common wild and garden plants. (Year 1)
- identify and describe the basic structure of a variety of common flowering plants. (Year 1)
- observe and describe how seeds and bulbs grow into mature plants. (Year 2)
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. (Year 2)
- explore the requirements of plants for life and growth (air, light, water, nutrients from soil and room to grow) and how they vary from plant to plant. (Year 3)
- identify and describe the functions of different parts of flowering plants; roots, stem/trunk/, leaves and flowers. (Year 3)

Animals including humans

- find out about and describe the basic needs of animals, including humans, for survival. (Year 2)
- notice that animals, including humans, have offspring which grow into adults. (Year 2)
- identify that animals including humans, need the right types and amount of nutrition, and that they cannot make their own food, they get nutrition from what they eat. (Year 3)