

Key stage 2 SCIENCE

Variation and classification - How do we classify plants and animals. A chance to use keys, and practical id tasks to bring this topic to life.

Plants and photosynthesis - Use the farm to inspire an interest in how plants live and grow. Experiments to help explain photosynthesis.

Environment and feeding relationships
Ecological relationships - A host of ecological relationships that exist in a working farm, our permaculture ethos means we work with nature, this allows you to see these relationships happen. A chance for cross curricular links with sustainability topics.

Energy resources - Are there alternatives to the national grid? How can we use sustainable energy. See our onsite water storage and solar stations. See how we heat polytunnel in winter. Loads of real examples of how energy can be harnessed for free.

Microbes and disease - What microbes and diseases affect farming. Plant diseases, and how to treat them.

Plants for food - This is what we do best!

Wild food, cultivated food, outdoor cooking, a whole host of traditional, and more unusual foods from plants. If you are covering plants for food, then Incredible farm is the place to do it. Cross curricular links with cooking, nutrition and social responsibility.

Key Stage 1 & 2 maths

Maths in nature - Perfect for cross curricular learning, maths is everywhere in nature, and the farm is a great place to explore this. From seeing the patterns in plants, and the animal world, to working out yields, and percentages for practical planting, to designing a garden for a meal for you school.

The numbers game - Simple maths for key stage 1. combine a treasure hunt and activities on the farm to explore maths problems.



Quality Badge awarded by



Key stage 1 & 2

Growing plants / Helping plants grow well

See the site and various growing areas. Practical planting exercises to help inspire and equip students with a real knowledge of how to grow and care for plants.

Habitats / Life cycles

Tour the habitats within the site, ponds, meadows, and the rich micro-habitats that are a great place to have mini beasts hunts and pond dips.

Micro-organisms

Hot beds, compost heaps, compost loos! A great way of illustrating how microorganisms impact on our life, the world, and food production.

Plants and animals in the local environment

Local farming in Todmorden, why we farm the way we do. The history of local farming.

Keeping healthy

A tour of the site, tasting as you go, cooking up a healthy feast on an outdoor cauldron to inspire talk of nutrition and a healthier choice for food.



Key Stage 3 Geography

Food and farming

Geography and number / connecting ourselves to the world

A range of choices for topics in food and farming, how we farm, and how this is different to traditional farming.

Meet the plants, the trees, the ducks, geese, and chickens and bees.

How farming issues effect the whole world!

ICT at Key Stages 1 and 2

The information around us /

Representing information graphically / monitoring environmental conditions

How the environment affects farming, and how various elements can be recorded from temperature to rainfall. Investigations, practical sessions to help students practice skills in the field. A chance for cross curricular learning.

Understanding instructions / finding information / analysing data and asking questions.

One off sessions, or regular visits can help develop these skills. A chance for cross curricular learning.

Key Stages 1 and 2 CITIZENSHIP

Developing our school grounds

Visit our site to see what can be replicated in your school grounds. What to consider, how to plan, resources etc., Investigate practical examples of polytunnels, outdoor growing, ponds, bees, orchards, animals and lots more.

Taking part - developing skills of communication and participation

We can tailor sessions to suit, but we are a perfect site for shelter building, and bush craft skills, especially centred around food. Great for team building and participation. Workshops will help develop confidence, and communication.

Animals and us

Meet all the animals on the farm and see how they help us. Animal care, and uses, other farming practices.

Art & Design at Key Stage 3

Recreating landscapes, objects and view points

Use the wider site as a resource for art materials. Climb the hillside to see the spectacular view of the Walsden valley.

Pick a spot on the farm and watch how it changes over 10 mins. Paint / ink and dye from plants.

Vegetables and flowers make a wonderful subject matter, and would provide chance for cross curricular learning.

Visiting a museum, gallery or site

Whatever the topic you would like to cover, the farm provides a magical experience. It captivates children, and opens the door to learning.



Design & Technology at Key Stages 1

Eat more fruit and vegetables

How the farm produces sustainable food, including sustainable packaging. Practical outdoor cooking of fresh produce. Looking at fruit and veg.

Bread

Learn how to make different types of bread.

Shelters

Different types of shelter building in the wider site, or animal shelters. A chance to work with natural material. Can be combined with other topics for cross curricular learning.

History at Key Stages 1 and 2

What was it like to live here in the past? / How farming practices have changed, and why.

Use the wider site as a way of investigating both the industrial and agricultural heritage of the area. The canal / original longest train tunnel / view over Todmorden from the hillside.