

# LEAF Education

## Suite of offers



**LEAF Education works across the education, farming and food sectors to inspire, engage and mobilise farmers and teachers about the value of farming in a learning context. We provide training and resources for teachers and help farmers navigate the world of education and support them in working with schools.**

**In this booklet you will find a sample of the programmes we offer on farm but each can be tailored to the individual requirements of schools – please contact us for a detailed discussion.**

*“It really opened my eyes to see how a farm is run as a multi-million pound business, and to think about all the decisions the farmer has to make, not just what crops to grow.” A Level Business Studies student*

*“The children really enjoyed the tour of the farm and being able to go into the field to see the animals close up; a real chance to get out of the classroom environment and continue learning.” Y3 teacher*

*“Wow this place is so alive! Everything is growing.” KS2 Pupil on farm visit*

# LEAF Education

## Suite of offers

**LEAF Education works to inspire and educate future generations about farming, food and the countryside.**

**We work with:**

### Teachers

Providing training and classroom resources to deliver the curriculum through food and farming experiences—both on farm and in classroom settings. We offer training days for teachers and activity days for students.

These can be offered as bespoke courses designed specifically for you and your school, working across all Key Stages at Primary and Secondary Level (including GCSE and A Level).

Current CPD programmes that we deliver to teachers include:

- Food, farming and the outdoors
- Developing a Science of Farming Week
- Food and farming Inside and Outside the Classroom (for ITE and NQT )

### Children and young people

Inspiring young people about food, farming and the countryside through engaging activities and experiences that our Regional Education Consultants can lead and deliver on, whether specifically linked to National Curricula at Primary or Secondary level or Exam Specifications at GCSE and A Level.

- Breakfast on the Farm
- Chef on the Farm
- English on the Farm
- Environmental Science on the Farm
- Experience days on the Farm
- Fun on the Fruit Farm
- Get Growing on the Farm
- Maths on the Farm
- The Business of Farming

In addition to these programmes, we offer the following exciting opportunities

- FaceTime a Farmer
- Future Farming Workshop

*We also deliver bespoke courses for schools, students and/or teachers—contact your Regional Education Consultant to find out more: <https://education.leafuk.org/regional-education-consultants>*

# Food, farming and the outdoors



Teachers – you are invited to this half day session that will introduce you to how you can enhance teaching across the curriculum using food, farming, farm visits and the many resources available. It will provide an opportunity to see the learning that can be gained from the outdoors and the countryside. Local guest speakers from complementary programmes can be invited to help support schools in this area. During this session we will look at how the programme is structured, the benefits of taking part and also how food contributes to a “healthy school.” Practical ideas will also be given to develop a whole school approach to healthy eating and food.

## Sample Programme:

1.45	Refreshments (fabulous cakes and tea!) and registration
2.00	Using the ‘Outdoor Classroom’
2.45	Health and safety updates
3.00	Input from other programmes
3.30	Farm tour and questions
4.30	Evaluations and departure

This session can be adapted as a “twilight” from 3.30pm and can be tailored to suit the requirements of both primary and secondary colleagues.

# Developing a Science of Farming Week



You are invited to an afternoon's CPD to learn how to enable the whole primary school to participate in a Science activity week which can be tailor-made to your requirements. Themes can include Soil, Plants, Animals and Birds, Habitats and Food Chains. The afternoon session incorporates a farm visit to see how learning can be applied outdoors.

## Sample Programme:

1.00	Arrival and refreshments, browsing resources
1.30	Science Week: Designing a whole school timetable
1.50	Teaching Science through food and farming
2.20	Farm visit: learning opportunities on the farm
3.00	Tips on running a school farmers' market
3.15	Q and A
3.30	Depart



# Food and Farming Inside and Outside the Classroom

## Teacher Training



You are invited to join this day programme to gain increased awareness of the opportunities for teaching about farming within the school curriculum. It is aimed at ITE students and NQTs. The programme is divided into four sessions. The first three are classroom based during the morning. The final session takes place on the farm in the afternoon (or as appropriate at the trainer's discretion.) At an additional cost, the programme is available for accreditation through the Open College Network.

### Sample Programme:

10.00	Welcome and overview of the day
10.15	Using resources in the classroom
11.00	Curriculum links to farming
12.00	Visiting a farm – how to arrange a school trip and learning outcomes
12.45	Lunch
1.15	Farm visit – putting the theory into practice
2.30	Plenary
3.00	Depart

# Breakfast on the Farm

## Curriculum Linked Activity Days



You and your students are invited to join our Breakfast project which offers a flexible programme so that children can visit a farm to find out where and how their breakfast foods are produced. There is the opportunity to involve community members, especially in areas with a diverse cultural mix, so that children can share different foods. The afternoon session involves hands-on curriculum related activities on the farm.

### Sample Programme:

10.00	Introduction – what is breakfast? Why do we need it? Identifying breakfast foods.
10.20	Where do your breakfast foods come from?
11.10	Farm tour – can we find our breakfast products?
12.10	Shared breakfast
1.00	Interactive activities on the farm (tailored to children's age/school requirements)
2.15	What have we learnt?
2.30	Depart

# Chef on the Farm

## Curriculum Linked Activity Days



You and your students are invited to join our Chef on the Farm project which offers a programme incorporating a farm visit to find out where and how their foods are produced and a chance to work with a professional chef to learn practical food skills. All pupils will prepare food to contribute to a shared lunch. The afternoon session involves hands-on curriculum related activities on the farm.

The programme is offered in conjunction with the Royal Academy of Culinary Arts.

### Sample Programme:

10.00	Welcome, introductions, health and safety
10.20	Group 1: A look around the farm with food production focus Group 2: Children's cookery session with professional chef
11.20	Swap groups
12.15	Shared lunch
1.15	Farm visit with an environment focus
2.15	What have we learnt?
2.30	Depart

# English on the Farm

## Curriculum Linked Activity Days



You and your KS2 pupils are invited to participate in an on-farm activity day looking at English. It will be a day of fun activities with a focus on how learning in an outdoor environment can stimulate young learners with sounds, words, literature and genres of writing whilst combining knowledge, vocabulary and story ideas in a farm or countryside setting. The content of the day can be tailored to each school's individual requirements.

### Sample Programme:

10.00	Meet the farmer and engage in a warm up activity to familiarise the pupils with their surroundings and ensure they understand the basic health and safety of the farm/setting
10.20	Key words – breakfast activity
10.45	Experts on the farm – new vocabulary
11.00	Farm tour to collect information
12.00	Lunch
1.00	Genres of writing
1.30	Expert groups reporting
2.15	What have we learnt?
2.30	Depart



# Environmental Science on the Farm

## A level Linked Activity Days



There are so many ways in which a farm can provide a context for topics within the A level Environmental Science specifications. You and your students are invited to meet a farmer who will be able to demonstrate habitat management, biological pest control, ecosystem interactions, water treatment, soil fertility, sustainable energy – the list is endless!

The programme below is a sample only. A day's visit can be tailored to your students' requirements, dependent on the facilities and resources available at a farm in your area.

### Sample Programme:

10 am	Meet the farmer and an activity to introduce the farm business with reference to environmental factors
10.20	Group A <u>The Living Environment 1</u> : An investigation into pest control – activities to compare different methods on the farm Group B <u>The Living Environment 2</u> : Habitat conservation, protection and creation: exploring and recording
11.20	Break
11.20	Group A <u>Soil Fertility</u> : Identifying activities that affect soil condition and fertility Group B <u>Soil Erosion</u> : What are the effects and controls?
12.20	Lunch
12.30	Group A <u>Sustainability of energy resources</u> : Impact of mechanisation Group B <u>Sustainability of energy resources</u> : Exploring on-farm examples (solar, wind etc.)
1.30	Group presentations and plenary
2.30	Depart

# Experience days on the farm



Research shows that we all benefit from time outdoors. At a period when many young people are being diagnosed with stress-related illnesses, you and your students are invited to a sensory-rich visit that also makes the connections between food, farming and nature. Activities are based on the five senses and can be tailored to suit different groups and age ranges.

## Sample Programme:

10.00	Orientation exercise – getting to know your location. A chance to explore or let off steam.
10.20	Sound activity – take time to stop and listen
10.45	Seed bombs – a fun way to sow wildflowers
11.15	Break – food sharing
11.45	Farm bingo – use your observational skills!
12.15	Lunchtime farm on a plate – explore your favourite foods and try tasting something new
1.00	Easy ways to be a poet
1.45	Hedgerow forage – creative activity
2.30	Depart

# Fun on the Fruit Farm

## Curriculum Linked Activity Days



You and your KS1/KS2 pupils are invited to participate in an on-farm activity day looking at fruit. It will be a day of fun activities tailored to individual school requirements.

### Sample Programme:

<b>10.00</b>	<b>Meet the farmer and enjoy a tour of the farm. There may be opportunities to help with harvesting – pick your own!</b>
<b>11.00</b>	<b>Break</b>
<b>11.20</b>	<b>Cooking activity: use the fruit you picked to make a nutritious smoothie</b>
<b>12.00</b>	<b>Lunch</b>
<b>12.30</b>	<b>Planting activity: explore the polytunnels and get involved in the food to fork story. Plant seeds to take home.</b>
<b>1.15</b>	<b>Pollination activity: meet the beekeepers and find out how important bees are on the farm. Have fun pretending to be a bee.</b>
<b>2.00</b>	<b>Art on the farm: produce a unique masterpiece that symbolises your day on the farm</b>
<b>2.45</b>	<b>What have we learnt?</b>
<b>3.00</b>	<b>Depart</b>

# Get Growing on the Farm

## Curriculum Linked Activity Days



You and your students are invited to explore where your food comes from by taking part in a flexible programme centred on a visit to a farm. Children will compare the food they see growing on the farm with the food they eat at home. They will take part in hands-on activities to understand the importance of soil and take steps to learn how to “grow their own” by starting to plan a school garden.

### Sample Programme:

10.00	Introduction – meet the farmer and find out what s/he does on the farm
10.20	Farm tour – can we recognise the food we eat?
11.00	The importance of soil
11.30	Flowers, fruit or vegetables fact file: working scientifically – planting and growing
12.15	Lunch
1.00	Interactive activities on the farm (tailored to children’s age/school requirements): identification of trees/leaves/minibeasts
2.00	Tips on planning the school garden
2.30	Depart



# Maths on the Farm

## Curriculum Linked Activity Days



You and your KS1/KS2 pupils are invited to participate in an on-farm activity day looking at maths. It will be a day of fun activities with a focus on simple mathematical language and tasks tailored to individual school requirements.

### Sample Programme:

10.00	Meet the farmer and a warm up activity to familiarise the pupils with their surroundings and ensure they understand the basic health and safety of the farm.
10.20	Maths questions – starting points
10.30	Rope activity in groups – making shapes
11.00	Farm animal shapes
11.20	Break
11.30	Measuring on the farm
12.00	Farmyard Snap
12.30	Lunch
1.00	Out and about on the farm – a Maths walk
2.15	Talking about our findings – what next back at school?
2.30	Depart

# The Business of Farming

## Curriculum Linked Activity Days



We all eat food. Yet most people in the UK rarely question where their food comes from, or consider what processes were involved for it to arrive on their plate. The food and drink industry is the UK's biggest manufacturing sector, with the food supply chain alone employing almost 4 million people. At the start of this lengthy and complex food chain are farms, with around 70% of the UK defined as farmland. Your students will face serious issues such as global population, food security, health and the environment after they leave school. In response, agriculture is already a rapidly changing sector with new ideas and technologies set to radically change the way we grow, process, distribute and prepare our food.

You and your GCSE students (or Year 9/A Level if preferred) are invited to participate in an on-farm activity day which can be tailor-made to your content and availability requirements. It could include topics from the Business Studies course such as finance, operations, marketing, technology, people, and the environment. It presents an opportunity for them to meet a farmer and witness first-hand the exciting innovation and diversification taking place on some UK farms, as they respond to changing market conditions driven by Brexit and dietary preferences, and as they adapt to rising energy costs and climate change. Furthermore, farms can show students the interdependence of business in a real-world environment.

### Sample Programme:

10.00	Meet the farmer and an activity to introduce the farm business; <i>operations, labour, market, resources.</i>
10.20	<b>Finance Task:</b> Working in groups to make evidence-based business decisions for the farmer; operations, costs, sources of finance, risk, investment. <i>e.g. Should the farm rent or buy a new combine harvester, or invest in a new grain barn? Can students use a moisture meter and market data to advise when is the right time to sell the grain harvest?</i>
11.00	Break
11.20	<b>Marketing Task:</b> Farm products as part of the food chain; product, adding value, adaptation, ethics, supply chains, marketing mix <i>e.g. Design a snack bar using ingredients from the farm and other local ingredients and market it on Instagram.</i>
12.00	Lunch
12.30	Farm tour: machinery, crops and livestock, organic vs. conventional farming, photo opp. for marketing task
1.30	Group presentations and plenary
2.30	Depart

# FaceTime a Farmer



The free FaceTime a Farmer initiative is transforming how farmers connect children with their food and where it comes from. FaceTime a Farmer is all about harnessing the power of digital communications to inspire, engage and educate young people about not only the journey from farm to fork but also the everchanging, diverse agricultural industry. Children regularly chat live to their matched farmer from their classrooms through FaceTime or Skype, discuss ideas, ask questions, share knowledge and gain a 'real-time' understanding of the issues farmers face every day.

FaceTime a Farmer is a recommended fortnightly, ten-minute Skype or FaceTime call between the farm and the classroom. Founded by farmer Tom Martin, co-ordinated by LEAF and sponsored by Sainsbury's and Strutt & Parker, the initiative pairs farmers with classes for a series of video calls throughout the year.

How does it work? You can watch videos explaining how the project works here:  
<https://leafuk.org/facetimeafarmer>

Once you have registered your interest at <https://leafuk.org/facetime-a-farmer-teacher-sign-up> we will match you to a farmer.

Your farmer will then be able to talk to your class using FaceTime, from a location on the farm – either in the field, the barn, tractor etc. Farmers can talk about soil, animal welfare, seasons, the farm as a business and so much more!

Further details: [Julie.Neale@Leafuk.org](mailto:Julie.Neale@Leafuk.org)

# Future Farming Workshop



The Future Farming module workshop has been developed to help spread positive messages about food and farming. Delivered by your REC, the aim of this interactive workshop is for students to achieve a greater understanding of importation, exportation, production and sustainability. In addition, the activities aim to break down misconceptions that a career in farming is just about livestock and tractors.

This agricultural project strongly supports core aims in relation to PSHE: developing critical thinking, encouraging learners to explore living in the wider world whilst encompassing economic and environmental well-being and aspects of agricultural, food and retail careers education.

By participating in this workshop, your students will understand the impact population growth has on food production and where the world's food is produced. They will gain knowledge around the future technologies and advances within agriculture and the careers involved in British food production.





# Get in touch with LEAF Education

LEAF Education has a team of nine Regional Consultants throughout England and Wales. You can contact them to find out more about what we offer and to discuss your requirements.

**North West:** Katy Pallas 077 430 28289 [katy.pallas@leafuk.org](mailto:katy.pallas@leafuk.org)

**North East:** Sam Wyman 0771 881 8603 [sam.wyman@leafuk.org](mailto:sam.wyman@leafuk.org)

**West Midlands:** Brian Hainsworth 0776 208 3452 [brian.hainsworth@leafuk.org](mailto:brian.hainsworth@leafuk.org)

**East Midlands:** Bobbie Harvey 0777 9409 926 [bobbie.harvey@leafuk.org](mailto:bobbie.harvey@leafuk.org)

**East of England:** Gaina Dunsire 07805 580059 [gaina.dunsire@leafuk.org](mailto:gaina.dunsire@leafuk.org)

**Wales:**

**Central:** Elizabeth Lake 0777 9017 635 [elizabeth.lake@leafuk.org](mailto:elizabeth.lake@leafuk.org)

**South West:** Debbie Hicks 01749 813 792; 07599 851064 [debbie.hicks@leafuk.org](mailto:debbie.hicks@leafuk.org)

**South East:** Jo Hatton 07973 301962 [jo.hatton@leafuk.org](mailto:jo.hatton@leafuk.org)

**Or visit <https://education.leafuk.org/regional-education-consultants>**

**LEAF Education Head Office:** [enquiries@face-online.org.uk](mailto:enquiries@face-online.org.uk) 024 7641 3911



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Session:	Location:	Cost (including VAT):	Maximum Number:	Other comments:
Experience Days in the Outdoors	On farm which will be local and arranged by us	£250 – full day for students  £250 – full day staff CPD session (Exclusive of travel)	1 class – 30 students  CPD – 20 staff	Can be delivered as a CPD session for staff too  Can also be run as a session for special educational needs students
Food, farming and the outdoors	On farm which will be local and arranged by us	£150 – for half day (Exclusive of travel)	20 members of staff	Can be adapted as a twilight session
Teacher Training	On farm which will be local and arranged by us	£250 – full day staff CPD (Exclusive of travel)	20 members of staff	
Breakfast on the farm	On farm which will be local and arranged by us	£300 – full day (Inclusive of food) (Exclusive of travel)	1 class – 30 students	
The business of farming	On farm which will be local and arranged by us	£250 – full day for students.  £250 full day staff CPD session (Exclusive of travel)	1 class – 30 students  CPD – 20 staff	Can be delivered as a CPD session for staff too  Also, the opportunity for this to be GCSE or A Level focused
Chef on the farm	On farm which will be local and arranged by us  The chef from the Royal Academy of	Contact: education@leafuk.org  Including food and all consumables for the day	1 class – 30 students	Students will eat the lunch that they prepared with the chef - a true field to fork experience

	<b>Culinary Arts will also be arranged by us</b>	<b>(Exclusive of travel)</b>		
<b>English on the farm</b>	<b>On farm which will be local and arranged by us</b>	<b>£250 – full day for students</b>  <b>£250 – full day staff CPD session</b>  <b>(Exclusive of travel)</b>	<b>1 class – 30 students</b>  <b>CPD – 20 staff</b>	<b>Can be delivered as a CPD session for staff too</b>
<b>Environmental science on the farm</b>	<b>On farm which will be local and arranged by us</b>	<b>£250 – full day for students</b>  <b>£250 full day staff CPD session</b>  <b>(Exclusive of travel)</b>	<b>1 class – 30 students</b>  <b>CPD – 20 staff</b>	<b>Can be delivered as a CPD session for A Level Environmental Science staff / KS3/GCSE Science staff too</b>
<b>Fun on the fruit farm</b>	<b>On farm which will be local and arranged by us</b>	<b>£250 – full day for students</b>	<b>1 class – 30 students</b>	<b>Inclusive of plants/seeds to take home and plant</b>
<b>Maths on the farm</b>	<b>On farm which will be local and arranged by us</b>	<b>£250 – full day for students</b>  <b>£250 – full day staff CPD session</b>  <b>(Exclusive of travel)</b>	<b>1 class – 30 students</b>  <b>CPD – 20 staff</b>	<b>Can be delivered as a CPD session for staff too</b>
<b>CPD Developing a Science of Farming Week</b>	<b>On farm which will be local and arranged by us</b>	<b>£150 – half day CPD sessions</b>	<b>CPD – 20 staff</b>	<b>Can have direct student delivery if required – to be discussed</b>
<b>Get Growing</b>	<b>On farm which will be local and arranged by us</b>	<b>£250 – full day for students</b>  <b>£250 – full day staff CPD session</b>  <b>(Exclusive of travel)</b>	<b>1 class – 30 students</b>  <b>CPD – 20 staff</b>	<b>Can be delivered as a CPD session for staff too</b>