



Farming with Nature


Sacrewell




Welcome to Sacrewell

Delivering enriching outdoor educational experiences to school pupils is fundamental to what we do at Sacrewell and welcoming young people to our beautiful countryside setting allows us to fulfil the aims of the William Scott Abbott Trust.

We invite your learners to explore our Farming with Nature workshops in our beautiful countryside setting.

Farming with Nature Workshops

The Sacrewell Education Team are thrilled to be able to offer a wide range of educational workshops for your pupils to participate in this academic year. Each has been carefully designed to link with the National Curriculum whilst giving children a chance to escape the classroom and be immersed in our inspiring natural environment.

The Farming with Nature workshops will be bookable from October 2022, and they cover six interlinking topics: **Soil**, **Pollination**, **Plants**, **Field to Fork**, **Farm Animals**, and **Wildlife**. Investigate why worms are so important, discover food growing in the fields and help look after our kitchen garden - to name a few! The following booklet has more information on the individual workshops that are available.

William Scott Abbott Trust

In 1917, William Abbott took on tenancy at Sacrewell. He was a brilliant farmer, progressive and innovative in his methods and ideas, particularly in relation to dairying, poultry keeping and crop rotation. When he died, his wife Mary Abbott, settled the entire property as the William Scott Abbott Trust, in memory of her husband and the work they had undertaken together. Since 1964, Sacrewell has been run as a charity, with the aim of connecting people of all ages and backgrounds to the science, heritage and practical journey of farm to fork.

The trust pioneers how farming and wildlife co-exist in rural England through agroecology and our rare breed conservation programme. The trust also shows how and why farming and rural skills have adapted over the years and explores what that means for the future of farming.



William Scott Abbott Trust
- at Sacrewell -





Key Information

What does it cost and how do we pay?

Entry to Sacrewell is £5 per pupil. Additional workshop prices are detailed in our Farming with Nature information. School staff are free at a ratio of 1:4 (1:1 for pupils with SEND), additional staff and accompanying parents are charged at £5 per adult.

There is plenty of free parking. We will email an invoice to you after your visit. Payment by BACS, bank details will be included on the invoice.

How do we book?

Please email the **Sacrewell Education Team** at learning@sacrewell.org.uk to make a booking enquiry.

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Soil

Soil shakers

In this tactile experiment, pupils will learn about the key components that healthy soil is made of, the variety of organisms which thrive in it, why it is important to be able to test our soil types, and how different soil types affect how our plants grow.

Curriculum links:

- Identifying the basic structure of plants
- Describing how habitats provide for the needs of plants and animals and how they depend on each other
 - Exploring what plants need to grow
 - Recognising what soil is made of

Workshops that pair well with this one:

Wonderful worms (Soil)

What's growing in the garden? (Plants)

Pond dipping (Wildlife)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: KS1 and KS2

Wonderful worms

In this activity, pupils will have the chance to take a close look at our Sacrewell wormery, to see what the earthworms are busy doing beneath our feet to make our soil healthy. They will also take part in a worm survey to discover the variety of worms we have living in the ground here at Sacrewell – the more worms we find, the healthier our soil is likely to be!

Curriculum links:

- Describing how habitats provide for the needs of plants and animals
- Describing how animals obtain their food from plants and other animals
- Identifying and naming a variety of common animals
- Exploring and using classification keys to help group, identify and name a variety of living things

Workshops that pair well with this one:

Soil shakers (Soil)

What's growing in the garden? (Plants)

Pond dipping (Wildlife)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: EYFS, KS1 and KS2



Pollination

Seeds and shelter

Pupils will get hands on supporting their local wildlife by making wildflower seed bombs that can be sown at school or at home and by creating a simple habitat for solitary pollinators. They will learn why wildflowers are so important for pollinating insects and how, in turn, our pollinators help the flowers, and our food crops, to flourish.

Curriculum links:

- Describing how habitats provide for the needs of plants and animals and how they depend on each other
- Exploring the part that flowers play in the life cycle of flowering plants, including pollination
- Recognising that environments can change and that this can sometimes pose dangers to living things

Workshops that pair well with this one:

Powerful pollination relay (Pollination)

Tree and hedge planting (Wildlife)

What's growing in the garden? (Plants)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £3.00

Suitable for: EYFS, KS1 and KS2



Powerful pollination relay

In this immersive game, pupils will play the role of the pollinator, busily transporting pollen from flower to flower, all the while consolidating their learning about plant structure and illustrating how pollinators help plants to reproduce.

Curriculum links:

- Identifying and describing the basic structure of a variety of common flowering plants
- Identifying and describing the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- Exploring the part that flowers play in the life cycle of flowering plants, including pollination

Workshops that pair well with this one:

Seeds and shelter (Pollination)

What's growing in the garden? (Plants)

Seasonal fruit and veg tasting (Field to fork)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: KS1 and KS2





Plants

Tractor tour

Join us for a tractor tour of Riverford Organic Farm to see what's growing in their fields. Along the way we hear about how our hedgerows help both farmers and wildlife, which fruit trees are growing in the orchard, and how Riverford cleverly manage their water to ensure their crops don't wilt in the height of summer.

Curriculum links:

- Understanding where food comes from
- Understanding seasonality, and knowing where and how a variety of ingredients are grown
- Recognising that environments can change and that this can sometimes pose dangers to living things

Workshops that pair well with this one:

What's growing in the garden? (Plants)

Seasonal fruit and veg tasting (Field to fork)

Five freedoms farm tour (Farm animals)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2

What's growing in the garden?

We are so used to buying our produce from the supermarket, often obscured by packaging. In this activity, pupils are invited to explore our Sacrewell kitchen garden to see a range of everyday vegetables and fruit growing in the soil and to work together to identify them. The workshop ends with the opportunity for pupils to sow their own seeds to take away with them to grow and care for.

Curriculum links:

- Understanding where food comes from
- Understanding seasonality, and knowing where and how a variety of ingredients are grown
- Observing and describing how seeds and bulbs grow into mature plants

Workshops that pair well with this one:

Tractor tour (Plants)

Seasonal fruit and veg tasting (Field to fork)

Powerful pollination relay (Pollination)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: EYFS, KS1 and KS2





Field to Fork

Fantastic flour

Flour is a fundamental component in so much of our food, but we rarely think about where it comes from. Pupils will connect the key ingredient we use for baking with wheat and milling as they are given the chance to handle grain, and to compare how it was once processed with how easily it can be processed today by observing a hand mill and a modern mini electric mill in action. Finally, they will prepare their own simple shortbread biscuits to take home to bake.

Curriculum links:

- Understanding where food comes from
- Preparing and cooking a variety of predominantly savoury dishes using a range of cooking techniques
- Understanding seasonality, and knowing where and how a variety of ingredients are grown, reared, caught and processed

Workshops that pair well with this one:

Historic mill tour (Field to fork)

Tractor tour (Plants)

What's growing in the garden? (Plants)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £4.00

Suitable for: KS1 and KS2



Historic mill tour

Sacrewell is home to our beautiful 18th century watermill, which provides the perfect opportunity for pupils to learn about how wheat has historically been processed into flour. Our mill tour takes children from viewing the source of power in the mill pond outside, to the inner workings of the impressive machinery inside, with lots of interesting and entertaining facts along the way.

This workshop pairs perfectly with 'Fantastic Flour'.

As a grade II listed building, the upper levels of our watermill can only be accessed via steep steps. Please get in contact with the Education Team if you would like to book this activity but have any concerns about accessibility for any of your pupils or staff members.

Curriculum links:

- Understanding where food comes from
- Understanding seasonality, and knowing where and how a variety of ingredients are grown, reared, caught and processed
- Learning about significant historical events, people and places in their own locality

Workshops that pair well with this one:

Fantastic flour (Field to fork)

What's growing in the garden? (Plants)

Five freedoms farm tour (Farm animals)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2





Butter making

Many children aren't aware that the butter they spread on their toast comes from cows! Pupils will have the chance to see and learn about our Dexter cows, a native UK breed, and will experience transforming cream into butter - learning that these are both animal products. After their hard work, they can sit down and enjoy a snack of crackers and the fresh butter they have prepared.

Curriculum links:

- Understanding where food comes from
- Understanding seasonality, and knowing where and how a variety of ingredients are grown, reared, caught and processed

Workshops that pair well with this one:

Five freedoms farm tour (Farm animals)

New life on the farm (Farm animals)

What's growing in the garden (Field to fork)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: KS1 and KS2



Seasonal fruit and veg tasting

Eating seasonal fruits and vegetables is good for us and better for our planet. In this activity, pupils will have a chance to wash, prepare and taste a range of fresh fruit and vegetables that can be currently harvested, and they will learn why eating in-season, locally sourced produce is the more environmentally friendly option.

Please note, the exact fruit and vegetables used for the tasting activity will vary depending on the date of your visit and what is in season.

Curriculum links:

- Understanding where food comes from
- Preparing and cooking a variety of predominantly savoury dishes using a range of cooking techniques
- Understanding seasonality, and knowing where and how a variety of ingredients are grown, reared, caught and processed

Workshops that pair well with this one:

What's growing in the garden? (Plants)

Tractor tour (Plants)

Pollination relay (Pollination)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £3.00

Suitable for: EYFS, KS1 and KS2





Farm animals

Five freedoms farm tour

At Sacrewell we look after our animals according to the five freedoms of animal welfare: freedom from hunger and thirst; freedom from discomfort; freedom from pain, injury or disease; freedom to express normal behaviour; and freedom from fear and distress. On this farm tour, pupils will visit a range of our farm animals, learning about each breed whilst also gaining an understanding of how we care for their needs according to these principles.

Curriculum links:

- Finding out about and describing the basic needs of animals, including humans, for survival (water, food and air)
- Identifying 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

Workshops that pair well with this one:

New life on the farm (Farm animals)

Butter making (Field to fork)

Minibeast hunting (Wildlife)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2



New life on the farm

Spring is a joyful season, and it is a wonderful experience for children to see new life on the farm. At Sacrewell, we like to offer pupils the chance to visit our youngest animals and to learn about how we care for them.

These sessions are usually available from mid-March until the end of April and are typically based around our lambs, but may include calves, piglets, or foals. However, it can be hard to predict exactly when we will be lucky enough to welcome these new additions.

If you are interested in booking a 'new life on the farm' activity, we recommend you let us know that this is your preferred activity, but please also indicate if there is an alternative activity that you would be happy for your pupils to participate in instead. All schools who have booked this activity will be updated on it's availability in early 2023.

Curriculum links:

- Noticing that animals, including humans, have offspring which grow into adults
- Finding out about and describing the basic needs of animals, including humans, for survival (water, food and air)
- Identifying 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

Workshops that pair well with this one:

Five freedoms farm tour (Farm animals)

Butter making (Field to fork)

What's growing in the garden? (Plants)

Enquiries welcomed from: September 2022

Confirmation of activity expected from: February 2023

Usually available: Mid-March 2023 - end of April 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2





Animal care and welfare

Get up close to animals at Sacrewell and learn about how they are cared for. Under the guidance of Sacrewell staff small groups can get to know our friendliest residents whilst learning how to perform health checks and recognise the signs of a happy, healthy animal.

Please note that we cannot guarantee which animal schools may meet. Groups will typically meet one or two animals such as goats, sheep, ponies, donkeys, cows, rabbits or chickens. As this is a very popular workshop we may limit the amount of bookings taken in the interests of animal welfare.

Curriculum links:

- Finding out about and describing the basic needs of animals, including humans, for survival (water, food and air)
- Identifying a number of common animals, including herbivores and omnivores
 - Identifying how animals are adapted to their environment

Workshops that pair well with this one:

Five freedoms farm tour (Farm animals)

Butter making (Field to fork)

New life on the farm (Farm animals)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: EYFS, KS1 and KS2



The power of poo (when farming organically)

You will never think of animal droppings in the same way again! This tour is a fun way to discover how important it is to use animals, plants and the natural world in balance when farming organically. Start your journey by meeting some of our friendly grazing animals. Investigate why their manure is so important to farming and then visit the kitchen garden to see what 'the power of poo' has done to our fruit and vegetables. Finish our tour by picking and taking some tasty garden treats to the animals, completing the nutrient cycle.

Curriculum links:

- Identify that habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- Describe how animals obtain their food from plants using the idea of a simple food chain, and identify and name different sources of food
 - Explore how plants need nutrients from soil to grow
- Identify that animals, including humans, need the right types and amount of nutrition, and that they get nutrition from what they eat

Workshops that pair well with this one:

Wonderful worms (Soil)

Tractor tour (Plants)

Seasonal fruit and veg tasting (Field to fork)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2





Tree and hedge planting

To plant a tree is to make a positive contribution to local wildlife and the environment for years to come. In this activity, pupils will work together, supported by their teachers and Sacrewell staff, to plant saplings in key locations on the farm and will learn about how their efforts will be of benefit to nature now and in the future.

Curriculum links:

- Identifying and naming a variety of common wild and garden plants, including deciduous and evergreen trees
- Describing how habitats provide for the needs of plants and animals and how they depend on each other
- Recognising that environments can change and that this can sometimes pose dangers to living things

Workshops that pair well with this one:

Bird feeders (Wildlife)

Five freedoms farm tour (Farm animals)

Tractor tour (Plants)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: KS1 and KS2

Wildlife



Bird feeders

For decades, the numbers of wild birds across the UK have been in decline, largely due to the destruction of habitats and food sources caused by human activity such as farming. In this activity, pupils will make a biodegradable bird feeder to either place at Sacrewell or school, or to take home with them. They will learn about how, individually, we can support our wild birds and how different approaches to farming can limit the impact on the bird population.

Curriculum links:

- Describing how habitats provide for the needs of plants and animals and how they depend on each other
- Recognising that environments can change and that this can sometimes pose dangers to living things

Workshops that pair well with this one:

Tree and hedge planting (Wildlife)

Powerful pollination relay (Pollination)

Tractor tour (Plants)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £2.50

Suitable for: EYFS, KS1 and KS2





Minibeast hunting

Pupils will have the opportunity to peek beneath the logs and leaves of our wooded areas to see which minibeasts they can find. This activity is an exciting way for children to take an up-close study of a range of fascinating creatures in their habitats.

Curriculum links:

- Describing how habitats provide for the needs of plants and animals and how they depend on each other
- Identifying and naming a variety of common animals
- Exploring and using classification keys to help group, identify and name a variety of living things

Workshops that pair well with this one:

Pond dipping (Wildlife)

Seeds and shelter (Pollination)

Five freedoms farm tour (Farm animals)

Available: September 2022 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2



Pond dipping

An array of intriguing creatures can be found living in the waters of our streams and ponds. This activity is an exciting way for children to take a close look at animals they may never have seen before and to learn about how they are adapted to their environment.

Curriculum links:

- Describing how habitats provide for the needs of plants and animals and how they depend on each other
 - Identifying and naming a variety of common animals
 - Exploring and using classification keys to help group, identify and name a variety of living things

Workshops that pair well with this one:

Minibeast hunting (Wildlife)

Seeds and shelter (Pollination)

Five freedoms farm tour (Farm animals)

Available: April 2023 to July 2023

Session timing: 45 minutes

Cost per pupil: £1.50

Suitable for: EYFS, KS1 and KS2





Workshop prices

Soil	Soil shakers	£2.50
	Wonderful worms	£2.50
Pollination	Seeds and shelter	£3.00
	Powerful pollination relay	£1.50
Plants	Tractor tour	£1.50
	What's growing in the garden?	£2.50
Field to fork	Fantastic flour	£4.00
	Historic mill tour	£1.50
	Butter making	£2.50
	Seasonal veg and fruit tasting	£3.00
Farm animals	Five freedoms farm tour	£1.50
	New life on the farm	£1.50
	Animal care and welfare	£2.50
	The power of poo (when farming organically)	£1.50
Wildlife	Tree and hedge planting	£2.50
	Bird feeders	£2.50
	Minibeast hunting	£1.50
	Pond dipping	£1.50



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