



Education Visits

**Key Stage
1 & 2**

**Teachers
Handbook**

Contents

Background

Brogdale Farm, in Faversham, Kent, is home to the National Fruit Collection (NFC), which comprises over 4000 different varieties of Apples, Pears, Cherries, Quinces, Plums, Hazelnuts and Cobnuts, and a variety of soft fruits. The collections are an international scientific resource and are situated on a working farm. They preserve thousands of different varieties including some dating back to the Roman times.

Brogdale Farm occupies about 140 acres of which the collections occupy 34 acres. It is situated on the North Kent Fruit Belt, an area that has for centuries been recognised as ideal for the cultivation of temperate tree fruits. Henry VIII, through his Head Gardener, Richard Harris, established an extensive fruit collection at Theynham that is just 3 miles up the A2.

The NFC was first established in Chiswick, London in the early 1800's by the Horticultural Society (now RHS) under the guidance of Thomas Andrew Knight. The origin of the collections stemmed from a need to establish correct nomenclature and accurate cultivar descriptions of temperate fruit grown in the UK. Between 1952 and 1954 the collections were relocated to Brogdale funded by MAFF under the direction of Brogdale Experimental Horticultural Station.

The collections represent a very significant genetic resource available to breeding programmes and other scientific research. University of Reading maintain reference archives and a database of cultivar accessions.

The orchards offer a lovely place to observe wildlife and watch plants change throughout the seasons. The fruit farm, weather station and nature area offer an environment to encourage a greater understanding of how fruit is grown and how both climate and insects play their part in making this happen. Brogdale is also home to Faversham miniature railway.

BROGDALE COLLECTIONS

Registered Charity No. 1135678

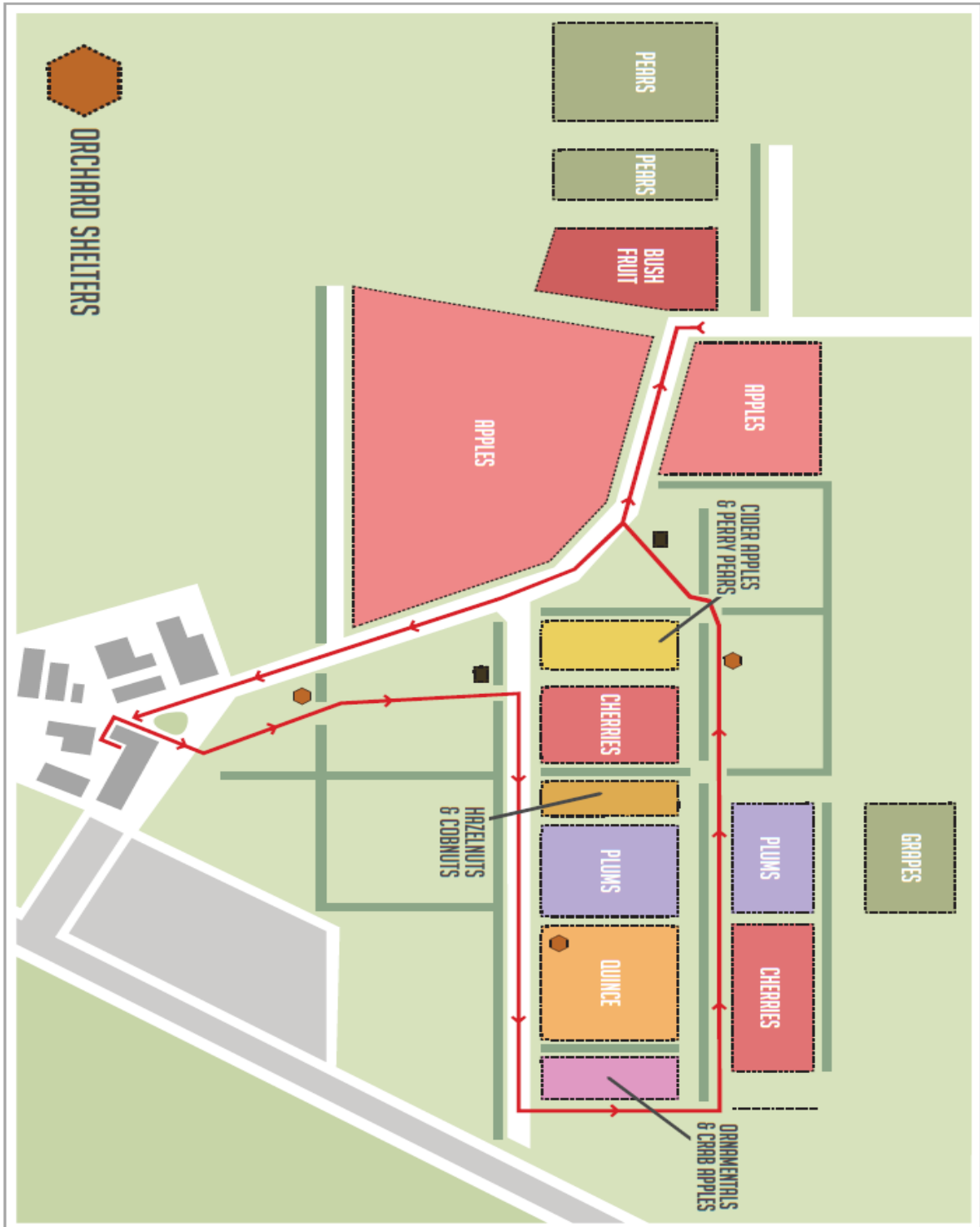
Contact: Billie Rice
Telephone: 01795 536250
E-mail: education@brogdalecollections.org
Web: brogdalecollections.org

Address: Brogdale Collections
Brogdale Farm
Brogdale Road
Faversham
Kent
ME13 8XZ

Map Location :



Map of Brogdale Collections



Timings

Typical timings dependent on module chosen and
additional activities e.g. Train ride

Time	Activity
09:30	Arrive, go to Russet room. Leave bags and lunches. Introduction to the day. Toilet break.
10.00- 11.45	Walk to Orchard to include morning activities. If groups are 30+ they will split into two groups
11:45	Return to Russet. Toilet break and hand wash.
12.00	Lunch (Picnic area or Indoors). Play area. Train Ride (if booked).
12:45	Afternoon activities.
14.00	Depart.

Arrival

Upon your arrival at Brogdale Farm please ask your coach driver to proceed to the far right of the car park away from other cars so that you can unload and assemble the children safely. Please then take the children to the school rooms where they will be able to leave their belongings, use the toilet etc, before you start your activities. The entrance to Brogdale Collections and the school rooms is on the right just past the Courtyard Restaurant.

Modules

We offer four Modules to encompass learning outcomes that link with the National Curriculum and are designed to give children a fun and interactive day with practical demonstrations and experiences.

We provide worksheets, clipboards and all other materials for the day.

Days typically run from 09:30 to 14:00 with lunch, play and comfort breaks.

The Modules mirror our BROGDALE education values of:

- B** 'Bee' nice to Bees, Bugs and Beasties
- R** Recycling and Resources – to support plant and animal life
- O** Orchards – importance of the Heritage Collection
- G** Grow and Gather – in the home and school environment
- D** Diet and Healthy Living – importance of eating and living well
- A** Arts & Crafts – taking inspiration from nature
- L** Lifecycle of plants and animals
- E** Environment and climate – how it effects what we grow

Links to areas of the Curriculum Key

Science **(S)**

Maths **(M)**

English **(E)**

Art & Design **(A)**

Geography **(G)**

History **(H)**

Module 1

Science (S, G, E)

A whole day discovering the National Fruit Collection and the wildlife it supports. The day will encompass hands on learning, discussions and interactive learning activities and can be enjoyed all year round.

Learning Objectives

- Plant growth
- Seeds
- Pollination
- Wildlife
- Lifecycles and food chains
- Blossom (April/May)
- Evolution (Yr 6)

Module 2

Measurements, Maps and Maths (M, G, S, E)

A whole day exploring the National Fruit collection using a mixture of maths and geography based knowledge. The day will encompass hands on learning, discussions and interactive learning activities and can be enjoyed all year round.

Learning Objectives

- Map reading
- Compasses use
- Geography of the Orchards
- The Weather
- Tree growth
- Nutritional content of Foods

Module 3

Fruit and Harvest (S, E, G, M)

A whole day discovering the National Fruit Collection during harvest time (Sept-Nov). The day will encompass hands on learning, discussions and interactive learning activities.

Learning Objectives

- Fruit tasting from the collection
- The fruit farming process
- Plant varieties
- Plant growth
- Seasons
- Nutritional content of foods

Module 4

Winter (S, A, E, H)

Discover Brogdale during the winter (Dec-Feb). Investigate why the winter is important for fruit and engage in activities to learn about the seasons. Explore the Orchards using your senses and look for signs of winter wildlife. Get involved with a history of English Orchards workshop and get creative with arts and crafts.

Learning Objectives

- The Weather
- Arts and Crafts
- Sensory exploration
- Seasons
- Animal Tracks and Signs
- History of English Orchards and fruit farming

Activities vary within the module content depending on the age group booked and what the group is learning at school.

Advice for your visit

Booking Procedure

To book a visit to Brogdale please complete the attached Booking Form and return with your deposit to:

Post: Billie Rice
Education Officer
Brogdale Collections
Brogdale Farm
Brogdale Lane
Faversham
Kent
ME13 8XZ

E-mail: education@brogdalecollections.org

Cost Structure

The cost for a module day is £5.50 per pupil based on groups of up to 30. Groups between 10-20 Individuals are £8.00 per pupil. There is no charge for teachers and adults.

Larger groups can be accommodated, up to a maximum of 60, but there may be an additional charge depending on the resources required.

Tailored days can be priced upon application.

A tractor – trailer is available for a fixed cost of £50.00 for the day.

The miniature railway can be booked at an additional cost of £1.00 per pupil.

Equipment and Materials

We will supply clipboards, worksheets and stationary in addition to all craft materials needed for the day. All you need to bring along are yourselves.

Tailored Visits

Schools are welcome to visit Brogdale Collections throughout the year.

As well as the Brogdale modules for KS1&2 pupils, we welcome the opportunity to discuss your individual teaching requirements and will endeavor to accommodate your needs by tailoring a specific agenda.

Cancellation Policy

If you need to cancel your visit please let us know as soon as possible, preferably via phone.

Deposits are non-refundable

Site Facilities

We are well equipped to host school visits at Brogdale Farm. We have adequate coach parking, two classrooms, toilets and hand washing facilities.

Adjacent to the classrooms we have a shop and small kitchen.

There are also additional retail outlets that you may wish to visit in the market place in addition to our own craft and gift shop.

Children may choose to bring money with them to use in the gift shop, we have items aimed at children, ranging in price from 50p - £5.00.

Pre Visit Meeting

To ensure that your classes have a perfect visit we request that you attend a pre-visit meeting. The purpose is to discuss your teaching requirements, familiarise yourself with the site and look at the areas that the children will be visiting, so that you can complete your Risk Assessment.

Pre-visits can be booked any time during weekdays from 8am-4pm, including school holidays.

Risk Assessment Procedure

Our risk advice is regularly updated to reflect the layout and activities of the farm, orchards and school rooms. Visitors should arrange to undertake their own risk assessment, the Brogdale one is for advice only.

Preparing your class for a visit to Brogdale Collections

Brogdale is a working farm, as well as accommodating a number of businesses, retail outlets and the visiting public. Help to keep your group safe by talking to them about a few simple rules before your visit. The following safety tips may be of use.

- Stay together with your group and close to your adult leader. Do not run ahead.
- Look and listen for vehicles and farm machinery. Listen carefully to your group leader.
- Do not climb on gates, walls, fences or machinery.
- Do not pick or eat any fruit.
- Do not put your hands in your mouth whilst you are on the farm.
- Make sure you wash your hands before you eat your lunch and leave the farm.
- Do not touch any horticultural equipment unless instructed to do so.

Pupil Supervision

The primary care of children sits with teachers and supervisors.

Teachers are responsible for the supervision, discipline and management of their groups whilst they are visiting the site. Schools must supply adequate adult supervision in accordance with county council guidance. Brogdale Collections are happy to accommodate any supervisors that schools bring along.

Advice regarding County Council Guidance is available from:

Richard Hayden, Outdoor Education Adviser, Kent County Council

E-mail: outdoor.education@kent.gov.uk

Lost Children

Any children found unaccompanied will be escorted to the school rooms and cared for by Brogdale Collections staff if no teachers or supervisors are

present. Brogdale tutors carry mobile phones and we are never more than five minutes brisk walk from the school rooms.

Hygiene

To reduce the risk of infection, all cuts and grazes should be covered by waterproof dressings before coming to Brogdale Farm. Pupils should not take any food out into the orchards. Teachers are advised to carry anti-bacterial gel and tissues whilst on the farm as well as a first aid kit. Pupils must not touch or eat any fruit, including windfalls.

Before leaving the farm all visitors must thoroughly wash their hands using soap and warm water. It is the responsibility of teachers and supervisors to ensure this happens.

First Aid and Allergies

Teachers are responsible for providing and administering their own first aid. Please ensure that children bring any medication with them that they require. Teachers are advised to carry anti-bacterial hand gel and tissues whilst out on the site, as well as a first aid kit. The tutor will carry a basic First Aid Kit.

Allergies – Please be aware of any allergies, particularly with regard to Bee and Wasp stings and ensure children have their medication with them.

Footwear and Clothing

Visitors should be conscious of weather conditions and the fact that we will be outdoors and dress appropriately. Robust footwear should be worn at all times of year and ideally long trousers. Hats must be worn on sunny days and sunscreen applied. If it is very hot we will work in the shade where possible.

Lunch and Refreshments

A packed lunch is required which can be left in the school rooms. Please ensure that you bring sufficient drinks for the children whilst out on the farm, particularly on hot days.

If the weather is good we have an outdoor picnic and play area available. Children are not allowed to eat in the orchards.

Disabled or Limited Mobility

The Farm can accommodate disabled children or those with limited mobility. Please discuss the options available with the Education Officer.

RISK ADVICE

BROGDALE EDUCATION RISK ADVICE

This document is for advice only and visitors should arrange their own risk assessment prior to any visit.

Hazard	Hazard Risk	Who is at risk	Physical Risk	Controls in place	PPE	Risk Outcome
Car Parking	Medium	Group	Slip, Trip, Fall, Traffic	Designated coach and minibus parking area to be used.		Low
Children Running	Medium	Individuals	Slip, Trip, Fall	Children must be supervised and instructed not to run, other than in the designated playground area. Children must be kept close together and to their leader.		Low
Uneven Surfaces, Muddy areas, Rabbit holes.	Medium	Group	Slip, Trip, Fall, Strain	Children and supervisors will be advised of effected areas before and during tour, and guided away from them whenever possible. Teachers are requested to assess site on a pre visit.	Wellington boots or sturdy outdoor footwear is appropriate all year round.	Medium
Contact with Vegetation or Branches.	Medium	Group	Scratches, Allergic Reactions, Eye Injury	Teachers to review as part of pre visit. Teachers to be aware of any allergies and have an emergency plan and first aid kit. Instruct pupils to be aware of low branches as they walk and not to run at any time.	Gloves are appropriate for effected individuals.	Low

Contact with Insects.	Medium	Group	Bites, Scratches, Stings	Teachers to be aware of any allergies, advice tutors and have an emergency plan and first aid kit. Children will be supplied with appropriate equipment when working in the nature area. Instruct pupils of possible hazards.	Gloves are appropriate for effected individuals.	Low
Farm operations and Vehicle movements.	High	Individuals	Struck or Knocked Down	Farm are advised of visits and movements limited. Danger and warning signs by railway tracks. Children are regularly reminded to Stop, Look, Listen by adult supervisors. Teachers should be aware of, and manage children likely to be less observant. Keep children together in a place visible to drivers and at a safe distance from vehicles. Typical vehicles include tractors, cars, forklift, lorries and vans.		Low
Miniature Railway	High	Individuals	Struck or Knocked Down. Overhanging trees and bushes.	The railway will not operate during school visits unless booked. Danger and warning signs are present at track crossings. Children should be constantly reminded to Stop, Look, Listen. Hands, feet and heads must be kept inside the train at all times.		Low

Fruit tree supporting wires	Medium	Group	Trips and Falls	<p>Hazards are pointed out to children where possible who are asked to walk at a safe distance from them.</p> <p>Some wires are less obvious, both children and helpers need to be vigilant.</p>	Wellington boots or sturdy outdoor footwear is appropriate all year round.	Medium
Eating on the Farm	Medium	Group	Stomach upsets. Insect stings or bites.	<p>Children should not touch or eat any fruit on trees or windfalls. No food should be taken into the orchards by children or adults. Hands should be washed upon return from the orchards.</p>		Low
Hygiene	High	Group	Stomach upsets, allergies, infection.	<p>Teachers should be aware of any children with infections or stomach upsets and be in control of any medication as appropriate. Children are advised to wash their hands upon return from working outdoors. Children are not to touch or eat any fruit unless instructed to. Children are advised of hygiene hazards in the orchards e.g. when bug hunting. Children are instructed to wash their hands before handling any food items and before eating.</p>		Low

Wandering into prohibited areas	Medium	Individuals	Unidentified hazards or persons	Leaders should ensure that children are monitored, supervised and do not deviate from the planned route. Access to the orchards is for authorised staff and registered visitors only.		Low
Food and Cookery demonstrations	Medium	Individuals	Hot equipment and food, burns, cuts, allergies	Pupils will be provided with appropriate protective equipment when cooking. Teachers should advise tutors of any allergies or difficulties with handling equipment. Teachers should carry appropriate first aid kits.	Appropriate protective work wear will be provided.	Low