Countryside Live
at
The Ledston Estate

Learning Outside the Classroom

Wednesday 18 and Thursday 19 May 2016

Teachers’ Handbook
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**Countryside Live - Introduction**

Countryside Live is coming to Yorkshire for the 11th time. Thanks to funding from the Wheler Foundation, Countryside Learning is able to bring this fantastic event to The Ledston Estate near Castleford again in 2016. Countryside Live, a country fair for school children, is one of Countryside Learning’s major *Learning Outside the Classroom* events. It has been run at two venues in London for several years. The first event took place at Syon Park in Middlesex in 2000. Countryside Live at Lee Valley Park, East London will be run for the 14th consecutive year in 2016.

The Ledston Estate provides the perfect location for “Countryside Live”. A resourced, prepared and extended, worthwhile and fun educational experience! Demonstrations, displays and hands-on activities. School children will have the opportunity to enjoy products and produce from the countryside and understand how they form part of the daily lives of city, town and country people alike. They will enjoy a full main arena programme that runs throughout the day and take part in many hands-on activities.

*I hear and I forget
I see and I remember
I do and I understand
Chinese Proverb

**Countryside Live**

The essence of outdoor learning

This handbook provides you with a site plan, arena programme, exhibitor activity information and details of arrangements for the day. Visit the Countryside Learning website www.countrysidelearning.org and select “Events” then “Countryside Live” then “Ledston Estate” then “Teachers Pack” to download additional copies of this handbook and further documentation.

Please read this booklet carefully. It will give you the opportunity to prepare the children for the visit. With the concentration of children attending the event, it is important that they are made aware of the need to obey safety signs and barriers, and listen carefully to the safety information and instructions given, in relation to activities being demonstrated, or those that they are involved with. The day is extremely full and varied and any preparation will help the children assimilate their experiences rather than being overwhelmed by them.

Countryside Learning, the educational charity that runs these Countryside Live Events, is delighted to support the *Learning Outside the Classroom Manifesto*, launched by the Secretary of State for Education and Skills on 28 November 2006. The Manifesto is a ‘movement’ or joint undertaking that many different stakeholders have helped to create and to which anyone can sign up. We have endorsed the Manifesto because we believe it will help to ensure that all children and young people have a variety of high quality experiences outside the classroom environment, as an essential part of their learning and development.

**Countryside Live will complement the “Learning Outside the Classroom Manifesto” and provides a first class outdoor learning experience.**

Perhaps you would like to become our friend on Facebook or follow us on Twitter. facebook.com/Countrysidelearning or twitter.com/CountrysideL

If you would like to post some photos on our Facebook page then visit the page and on the left hand side under the photos and videos there is a button “Posts to Page”.

If you would like to leave a review on Facebook, then there is a “Review” button on the left hand side too.
## List of schools attending Countryside Live at the Ledston Estate 2016

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<thead>
<tr>
<th>WEDNESDAY 18 MAY 2016</th>
<th>THURSDAY 19 MAY 2016</th>
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<td>Ackworth Howard CE Primary School</td>
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<td>Withinfields Primary School</td>
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Countryside Live – The Ledston Estate, New Road, Ledsham, South Milford, Leeds, West Yorkshire, LS25 5LU

Directions
Please note the site is just off the old A1. Large vehicles CANNOT go into the village of Ledsham as it is NOT ACCESSIBLE. THE SITE MUST BE ACCESSED FROM THE OLD A1. There are some maps available on the following page.

FROM THE M62 AND A1(M) NORTHBOUND

Take Junction 32A A1(M) north. Head north up the A1(M) and take the first exit J42 – A63 to Leeds and Selby. Turn left at the roundabout following Leeds A63. At the next roundabout turn right to Leeds A63 (DO NOT GO LEFT AT THIS ROUNDABOUT TO LEDSHAM AS IT IS NOT ACCESSIBLE FOR COACHES OR LORRIES).

After turning right to Leeds A63 you are now on the old A1. Take the first exit to Sherburn in Elmet B1222 – when you get to the junction at the bottom of the slip road go straight on signposted Leeds A63 – as though you were going to re-join the old A1. Before rejoining the A1 there is a turning on the left to Ledsham.

* Directions for all routes. Go down this road for 0.3 miles passing the double bend sign.

The entrance to Countryside Live is on the right (signposted Ledston Lodge) next to the sharp deviation sign.

FROM A1(M) SOUTHBOUND

Exit J42. Turn right A63 to Leeds. At the next roundabout turn right to Leeds A63 (DO NOT GO STRAIGHT AHEAD AT THIS ROUNDABOUT TO LEDSHAM AS IT IS NOT ACCESSIBLE FOR COACHES OR LORRIES).

After turning right to Leeds A63 you are now on the old A1. Take the first exit to Sherburn in Elmet B1222 – when you get to the junction at the bottom of the slip road go straight on signposted Leeds A63 – as though you were going to re-join the old A1. Before rejoining the A1 there is a turning on the left to Ledsham. Follow directions above*

FROM M1

Take J46 off the M1 and take A63 to Selby. After about 1 mile there is a roundabout, go straight on following directions A63 Selby and The South A1. Go straight on at the traffic lights and then straight on at the second roundabout. At the third roundabout turn right, still following directions to Selby A63. This is the old A1. Go past the Milford Hotel on the left. Take the turn off on the left to Sherburn B1222. At the bottom of the slip road, turn left signposted to Leeds (A63) – (go back under old A1) and follow the road round to the right – before rejoining the old A1 northbound there is a turning on the left to Ledsham. Follow directions above*
Maps for the location of Countryside Live
Countryside Live – The Ledston Estate
Arrangements for the Day

Arrival

Your coach or minibus will be directed to the coach park (see site plans on pages 13 and 15). Please tell stewards if you coach is staying or dropping off. There is a single track from the road to the coach park, so there may be a slight delay if traffic is coming the other way. Those coaches that are leaving will be directed back through the single track road and should be instructed to return to the coach park when they come back to pick you up. Once the children have disembarked from the coach, please take care and depart from the parking area to the show field as soon as possible, being careful as you cross the track for any oncoming traffic.

Registration – tent A3– a member of staff MUST go to register your arrival please

You will be asked to give in your Registration Form, which was emailed to you together with this handbook. Further copies are available on our website http://www.countrysidelearning.org under “Events” then “Countryside Live” then “Ledston Estate” then “Teachers Pack”. To save time, please have this form completed BEFORE you arrive. If you have more than one class attending, please fill in ONE FORM ONLY with the relevant information for each class.

“Teacher in Charge” stickers

When you register, you should receive enough “Teacher in Charge” stickers, so that the teacher in charge of each class can be easily identified. This is a health and safety precaution so that we can differentiate between teachers and adult helpers. Teachers should ensure that children are adequately supervised appropriate to the age, ability and needs of the children in their group. KS2 1:8. Please ensure that you are familiar with your own school guidelines and those issued by your LE.

Behaviour

Teachers are reminded that they are responsible for their children at all times and it is up to school staff to ensure the safety and discipline of their pupils. We would ask that you respect the animals, exhibitors and other pupils and teachers visiting the event.

No Smoking

Please be aware that there is no smoking permitted on site.

Lost property/children and meeting point – Registration tent A3

Please use the Registration Tent as a meeting point and lost and found point (for both children and lost property).

Lunches

There will be no food available to buy at the event so please remember to bring packed lunches and drinks with you for children, teachers and helpers. Self service tea and coffee will be available at the Registration Tent – 50p per cup. Could you also let the coach company know, so that the coach drivers who are staying at the event can bring a packed lunch. Please bear in mind that the children will have to carry their lunch around with them, so a small, light backpack would be the most suitable. You might like to pack a ground sheet to sit on.

There is no set time for lunch, its up to you when you take a lunch break. If the weather is fine, many schools choose to picnic by the arena and watch the show. The Registration Tent may have some space and exhibitors often have space in their tents, so if they are taking a break, just ask them if its convenient for you to have your lunch in there. If your coach is staying on site you might like to return to it to eat lunch. Beware of choosing a spot to eat near animals, hounds have been known to pinch children’s sandwiches in the past!
Litter

Please ensure that your school doesn’t leave any litter – litter bins will be provided. Please ask one of the organisers for a black bin bag if you need one. We want to leave The Ledston Estate litter free!

Dress

Please dress for the weather! All of the day will be spent outside, so depending on the weather, waterproofs or hats and sunscreen may be necessary. It would be advisable for children (and adults too) not to wear open-toed footwear.

First Aid

There will be trained NHS paramedics situated on site all day. They will be at A4 (please see site plan on page 15). Please ensure that you carry inhalers/epipens or any other medication known to be required by any of the children. All cuts and grazes should be covered by waterproof dressings to avoid the possibility of infection. You may also wish to bring along your own first aid kit.

Food tasting

There may be opportunities for food tasting – it is the responsibility of teachers to be aware of any food allergies that the children may have and to act on these accordingly and to carry out necessary medications.

Toilets

There will be adequate toilet facilities on site, including disabled toilets.

Hand wash facilities

There will be free-standing running water units around the arena area. If you have come into contact with animals please ensure that hands are thoroughly washed with the soap and water provided and then dried properly.

Money

The children will not need any money, as there should be nothing for sale.

Evacuation Procedure

All Countryside Learning staff will be aware of the evacuation procedure. Should the need arise, please follow their instructions. Schools should assemble behind Row C at Assembly Point C – please see site plan on page 15.

Disclosure and Barring Service

All Countryside Learning are DBS checked

Photographs

You will have been asked to sign a photo consent form. Those who have signed, may be photographed at the event and the photographs used by the Countryside Learning for their promotional materials or on their website. No child or school will be identified individually. If a member of the press should attend, they will be given a list of schools that have given photo consent and will be asked to speak to the teacher in charge, before taking any photographs. Teachers are very welcome to bring their own cameras to record the event for their own uses.

Evaluation Sheets

You have been emailed an evaluation sheet. Please take time to fill in an evaluation, your views are important to us. Further copies of Evaluation Sheets are downloadable from the Countryside Learning website http://www.countrysidelearning.org under “Events” then “Countryside Live” then “Ledston Estate” then “Teachers Pack”
ACTIVITIES AT COUNTRYSIDE LIVE

Arena Programme

Arena activities will be going on throughout the day, these include 30 minute Gundog, Dog and Duck and Falconry displays, repeated morning and afternoon to ensure you can catch one (see the arena programme on page 12) you are free to watch as many of these arena demonstrations as you like.

Sheep Show Timetabled Sessions

The 30 minute Sheep Show will run 4 times during the day at 10.15am, 11.45am, 1.15pm and 2pm – you will have been booked onto one of these sessions (see page 11). Their stand is at D10 (see site plan on page 15).

Bookable and Drop in Activities

We have 43 activities at Countryside Live this year with a mixture of bookable and drop in sessions. All activity details are listed in alphabetical order from page 16. Please be assured that there is no difference between bookable and non-bookable activities – it is just the exhibitor’s preference.

You have been given the opportunity this year to pre-book activities at the teacher briefing session on 26th April. If schools that are bringing more than one class, please don’t book more than three sessions per activity, so that one school doesn’t block book a whole activity. If classes carry out a different activity then there will be more experiences to share back at school.

We urge schools that pre-book activities at the teacher briefing, to keep a careful note of what they have planned to visit and at what time as we won’t have a record of this. Please try to keep to your timetable as last year some schools forgot what they were booked into and exhibitors complained that a lot of groups didn’t turn up when they should have done.

Bookable sessions will still have spaces available at the event, the booking sheets will be on each individual stand. The last Sheep Show ends at 2.30pm as does the arena programme, but other activities run until 3pm.

If another school is already at a stand carrying out activities, please don’t allow your pupils to enter the stand, as this will disrupt the activity. Find out from the exhibitor when it would be convenient for your school to return.

The event takes place in a beautiful location so come along and simply enjoy the fact that you are not in the classroom.
## Countryside Live Sheep Show booked sessions – Wednesday and Thursday

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<td>1.15pm – 1.45pm</td>
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<td>Whinmoor St Paul’s CE Primary</td>
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<tr>
<td>10.00</td>
<td>Free Flying Birds of Prey – display by Martin Ballam</td>
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<td>10.30</td>
<td>Kirkbourne Spaniels – Gun Dog training by Darren Kirk</td>
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<td>11.00</td>
<td>Dog and Ducks with Stuart Barnes</td>
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<td>11.35</td>
<td>Meet the Airdale Beagles</td>
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<td>12.00</td>
<td>Release of Racing Pigeons by the Royal Pigeon Racing Association</td>
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<td>12.10</td>
<td>Lunch Break</td>
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<tr>
<td>12.30</td>
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<td>14.05</td>
<td>Meet the Airdale Beagles</td>
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<td>14.30</td>
<td>Close</td>
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Site overview
| A1 | Green Monster Arts – Design a Fantasy Play Area |
| A2 | Animals in Tuition – Creature Features |
| A3 | Registration & Self Service Tea and Coffee |
| A4 | Paramedic |
| A5 | Royal Pigeon Racing Association – Meet and learn about the Pigeons |
| A6 | St Clement Vets – How to be a vet |
| A7 | Northern Powergrid – Electrical Safety |
| A8 | Countryside Learning – Felt Making |
| A9 | Ferretworld Roadshow – Meet and learn about the Ferrets |
| B1 | British Waterfowl Association – meet the ducks |
| B2 | Treewright - Bodger - Bow Lathe Turning and Green Woodwork |
| B3 | Countryside Learning - Corndolly Making |
| B4 | RSPB – Pond Life |
| B5 | Sun Jester - Fire and Light |
| B6 | Sun Jester – Put a horse in the field |
| B7 | National Trust – 50 things to do before you are 11 ¾ - Make a home for a wild animal |
| B8 | West Yorkshire Police – Wildlife Crime |
| B9 | Countryside Learning – British Food/Food miles |
| B10 | The Bug Lady – Meet and learn about the Bugs |
| B11 | The Bat Show – Meet and learn about the Bats |
| B12 | Countryside Learning – Tremendous Trees |
| | Meeting marquee for woodland activities: Countryside Learning - Tree Shelters |
| | Leeds City Council – Parks and Countryside Service - A Minibeast Safari |
| | Yorkshire Wildlife Trust – I’m a Survivor |
| C1 | Teaching Trees – Build a food web |
| C2 | Countryside Learning – Trees and their seeds |
| C3 | Beagles – Airedale pack |
| C4 | Gundogs – Kirkbourne Spaniels |
| C5 | Falconry - Xtreme Falconry |
| D1 | WildBeverley – Kites: make, take and understand flying |
| D2 | Leeds City Council – Parks and Countryside Service - Tropical World LIVE! |
| D3 | Women’s Food & Farming Union (WFU) – Wool uses & Pompom Making |
| D4 | Racing to School – Weighing In |
| D5 | Countryside Learning – Sowing the Seeds of Growth |
| D6 | Farming and Countryside Education (FACE) – Food from Farming |
| D7 | Barkston Ash Beekeepers Association & Leeds Beekeepers Association – Beekeeping |
| D8 | National Gamekeepers Organisation Educational Trust – The role of the keeper |
| D9 | AHDB Potatoes – All about potatoes |
| D10 | The Sheep Show |
| E1 | Willowpool Designs – Willow Weaving |
| E2 | Environmental Explorers – Owls in the Countryside |
| E3 | Yorkshire Hurdles – Willow Weaving |
| E4 | Yorkshire Herbalist - From Plants to Potions |
| E5 | Ian’s Mobile Farm – Meet the animals |
Countryside Live at The Ledston Estate - activities

NB. The activities marked with a ** are bookable. All other activities are “drop-in”.

ARENA

We have put together an exciting arena programme that includes: gundog training; a display of birds of prey; the dog and duck show, and the Royal Pigeon Racing Association. You are free to watch any of the demonstrations throughout the day so make sure you catch your favourites.

AHDB POTATOES – D9

All about potatoes

Children attending the AHDB Potatoes promotional vehicle can learn about where their food comes from, how it grows and the potato’s part in a healthy balanced diet.

The children will also be able to sample freshly cooked potatoes.

National Curriculum: Links to Science, Health Education and Literacy.

This is a drop in activity. Age range – 5-11. Group size up to 30. Approximate duration of activity – 20 minutes.

Visit their website www.gyop.potato.org.uk

ANIMALS IN TUITION – A2

Creature Features**

Focusing on senses and adaptations, this is your chance to meet some fascinating animals, with lots of interesting facts and information and even the opportunity to do some animal handling. Come and meet snakes, invertebrates and some surprise visitors (with 8 legs) that you will not want to miss.

National Curriculum: Life processes and living things : habitats/senses/adaptations

** This is a bookable activity. Age range - any. Group size up to 30. Approximate duration of activity – 30 minutes.

Visit their website: www.animalsintuition.co.uk

BARKSTON ASH BEEKEEPERS ASSOCIATION & LEEDS BEEKEEPERS ASSOCIATION – D7

Beekeeping**

We will provide a brief background to honey bees and their importance as pollinators, we will display hive equipment, beekeeper’s tools and clothing and allow children to dress up and use them, offer honey tasting and show a sealed exhibition viewing hive with live bees.

National Curriculum: Science, D & T, English and Maths

** This is a bookable activity. Age range – KS2. Group size up to 30. Approximate duration of the activity 25 minutes.
THE BAT SHOW – B11

**Going Batty**
Meet some bats and see how tiny, furry and cute they are. Find out where they live and what they eat. They are completely harmless, and they are beneficial to the environment. And they are not blind: nor do they suck your blood. Bats use high-pitched sound to navigate and find their insect prey. Normally we can't hear that sound, but we'll have equipment that will let you hear it and let you into the secret world of bats. And there'll be a few different sorts of bats for you to see.

** This is a bookable activity. Age range - any. Group size up to 30. Approximate duration of activity – 30 minutes.

Visit the local bat group’s website: www.westyorkshirebats.org.uk, and also the Bat Conservation Trust www.bats.org.uk

BEAGLES – C3 and arena

Come along and meet the beagles from The Airedale pack

The Association of Masters of Harriers & Beagles, the Organisation that regulates Beagle packs, recommends trail hunting as an alternative activity to live quarry hunting (pending repeal of the Hunting Act). It describes trail hunting as the hunting of an artificial scent and recommends that hunts use the scent of a hare. The Association states that “There is no reason why huntsman or followers should know in advance the route hounds will take when following a trail, thus closely matching hunting in its traditional form”.

The official website of DEFRA, the Government Ministry with responsibility for the countryside, states “Trail hunting is perfectly legal, as long as animal welfare and other laws are not broken in the process of obtaining the scent. Many hunts have adopted some form of trail hunting in place of live quarry hunting. The Government has said that it welcomes this, provided that the hunts are genuinely intending to stay within the law and not trying to use the practice as a subterfuge for engaging in illegal hunting activities.”

This is a drop-in activity for any age range.
Visit their website: www.amhb.org.uk/

BRITISH WATERFOWL ASSOCIATION – B1

Come and see the ducks

An opportunity for children to learn about ducks and their uses to man.

This is a drop-in activity for any age range.

Visit their website: www.waterfowl.org.uk

THE BUG LADY – B10

‘Meet the Bugs!’**

A ‘Meet the Bugs!’ Workshop gives you the opportunity to meet a range of tropical invertebrates and to learn more about where they live, what they eat and their importance in the natural world. The bugs you will meet include various species of stick insects, cockroaches and snails.

National Curriculum: Science, Geography, KS1 and KS2.

** This is a bookable activity. Age range - any. Group size up to 30. Approximate duration of the activity 30 minutes.

Visit their website www.the-bug-lady.com
COUNTRYSIDE LEARNING IS RUNNING 7 SEPARATE ACTIVITIES

COUNTRYSIDE LEARNING – B3

Corn Dolly Making **
Come and see the demonstration of corn weaving and dolly making. Each child makes a countryman's favour. These were worn by farm workers at country fairs to signify the type of work they did e.g. shepherd would have wool in his favour.

**This is a bookable activity. Age range - 7 years upwards. Group size up to 30 – we can take two groups at a time so 60 per session. Approximate duration of activity 35 minutes.

COUNTRYSIDE LEARNING – A8

Felt Making**
The children will find out more about fleeces and wool and make a simple felt flower to take home.

** This is a bookable activity. Age range any (FS may require adult help). Group size up to 30. Approximate duration of activity 30 minutes.


The wool tops for this activity are provided by Northbank Wool Ltd. If you require some for your school, you can email Andrew Bowman on ajb@wooltops.co.uk or view their website www.wooltops.co.uk

COUNTRYSIDE LEARNING – D5

Sowing the seeds of growth**
Children will learn what a seed requires to germinate and then once germinated what it needs to continue growing. Children will have the opportunity to make their own newspaper plant pot, in it they can plant a bean seed, which they can take away with them. Once germinated they will be able to plant the pot and seedling directly into the ground and watch the beans grow.

** This is a bookable activity. Age range - any. Group size up to 30. Approximate duration of the activity 30 minutes.

Visit their website www.countrysidelearning.org

COUNTRYSIDE LEARNING – B13 (shared woodland tent)

Tree Shelters**
Children will investigate how woodlands provide shelter to animals and plants. Groups will design a small shelter from wind and rain by using the natural materials they can find in the woods.

** This is a bookable activity. Age range 7 - 11 year olds. Group size up to 30. Approximate duration of activity 30 minutes.

National Curriculum – Maths and D & T.

Visit their website: www.countrysidelearning.org

NB. Shelter Building comes with an element of risk but is also great fun and very rewarding for the children. Prior to the activity, the activity leader will go through health and safety issues while shelter building – a copy of this document will be available at the Teacher Briefing session. Please ensure that children are dressed appropriately ideally with sturdy shoes, jeans and long sleeved tops if you want to carry out this activity. Sufficient adult supervision for each group is also required.
COUNTRYSIDE LEARNING – C2
Trees and their seeds**

Children will discover different seeds, nuts and berries and how they are dispersed from the trees. We will then make a wind dispersed spinning seed (like that of the Sycamore tree) using paper, scissors and a paperclip, which the children can fly and then take back to school. We will then find out what 4 things a seed needs to grow and play the very popular ”Squirrel and Acorn” game.

**This is a bookable activity. Age range any, but if you book in a younger group please be aware that adults may have to help with the spinning seed. Group size up to 30. Approximate duration of activity 30mins.

Visit their website: www.countrysidelearning.org

COUNTRYSIDE LEARNING – B9
British Food and Food Miles**

We shall have a list of British Apples and a variety of apples that are available in the supermarket. We shall look at a map of the world to see where these apples have come from and work out how many miles they have travelled to be on our supermarket shelves. There will be an opportunity for the children to taste an apple.

Also have a go at the Red Tractor Game. Red Tractor is the UK’s largest food assurance scheme. Its respected food standards are used across the food supply chain to provide clear food labelling about the quality and sourcing of your food. The children are separated into teams and need to separate the Red Tractor labelled and non-Red Tractor labelled items into separate shopping baskets within 60 seconds.

This is a bookable activity. Age range any. Group size up to 30. Approximate duration of activity 30mins.

COUNTRYSIDE LEARNING – B12
Tremendous Trees**

Children will learn how to find out a tree’s age once it has been cut down, by counting the growth rings of previously prepared discs that they can take back home with them. We will then go and discover how we find out the age of a living tree with the aid of a tape measure and calculator. Finally we will show the children what is going on inside a tree trunk, by building a tree out of children. This is a very popular and enjoyable activity that interactively shows what the different layers of the tree trunk and roots are up to, be it helping to stabilise the tree, bringing in water, making food etc. Every child will have an important role as part of the tree team.

** This is a bookable activity. Age any - Children younger than KS2 will count the growth rings and build a tree, the older children will also do the measuring exercise. Group size up to 30. Approximate duration of activity 30 minutes.

THE DOG AND DUCK SHOW – arena only

Stuart Barnes from the Sheep Show, will this year also be entertaining us in the arena with his dog and duck show.

This is a drop in activity for any age range.

Visit their website www.dogandduckshow.co.uk
ENVIRONMENTAL EXPLORERS - E2

Owls in the Countryside**
Introduction talk about the different types of owls in the British countryside, what they eat and how they hunt for their food. Then with their helpers (from schools) pupils can get hands on investigating the contents of owl pellets to see what they’ve been eating.

National Curriculum: Habitats, adaptation and moving and growing

PLEASE NOTE THAT TEACHERS AND ADULT HELPERS ARE REQUIRED TO HELP WITH THIS ACTIVITY

**This is a bookable activity. Age range 7+. Group size up to 30. Approximate duration of activity 30mins.

FALCONRY – C5 and arena

There will be an all day static display of birds of prey, together with flying demonstrations as part of the arena programme from Xtreme Falconry. During the day he will be able to answer questions and talk to children about the birds and their role in the countryside.

This is a drop-in activity for any age range.

Visit their website: www.xtremefalconry.co.uk/

FARMING AND COUNTRYSIDE EDUCATION – FACE** – D6

Food from Farming
Children will be introduced to the processes involved in the growing of cereal crops, and their processing into food products. Visitors will be able to carry out some basic soil tests, identify local cereal crops, and learn how these crops are harvested and processed.

**This is a bookable activity for any age range. Group size up to 30. Approximate duration of activity 25 minutes.

National Curriculum – Understanding where our food comes from/healthy eating.

Visit their website: www.face-online.org.uk

FERRETWORLD ROADSHOW** - A9

1) A History of ferrets from Romans through to Modern Day
2) Pictures and Descriptions of the Mustelid family including eating habits, etc.
3) Pupils race the ferret in 2 teams down large pipes.
4) Pupils may handle a ferret under supervision.

** This is a bookable activity for ages 5+ . Group size up to 30. Approximate duration of activity 30 minutes.

National Curriculum: History, Food Chain/Animal Families, Physical Exercise

Visit their website: www.ferretworld.co.uk  Twitter: @ferretworlduk
GREEN MONSTER ARTS – A1
Design a Fantasy Play Area **

This workshop is a fun way to get children designing an imaginative play space. Participants will work in small groups of 3 or 4 to create a miniature fantasy play area based on a chosen theme. Theme suggestions would be, Enchanted Woods, Farmyard, Space, Fairy Tales, Monsters, Pirates.

Each group will have a shallow box of sand in which to design their play area. There will be a selection of materials to work with – natural items such as pebbles, feathers and twigs as well as plasticine, coloured lollipop and match sticks and card.

** This is a bookable activity. Age range 6+. Group size up to 30. Approximate duration of activity 20 minutes.
Visit their website: www.greenmonsterarts.co.uk/

GUNDOGS – C4 and arena

Kirkbourne Spaniels are part of the arena display. The gundog display covers every facet of a working dog's training, incorporating general pet obedience and problems. You can also meet the animals on their stand.

This is a drop-in activity for any age range.
Visit their website: http://www.kirkbournespaniels.co.uk/

IAN'S MOBILE FARM – E5
Meet the animals

Come along and meet farmer Ian and some of his animals including rabbits, guinea pigs, ducks, tortoises, chickens, pygmy goats/goats, pigs, donkeys, a pony and "Daisy" the milkable cow.

This is a drop in activity for any age range. Duration variable.
Visit his website: www.iansfarm.com/

LEEDS CITY COUNCIL – PARKS AND COUNTRYSIDE SERVICE – 2 separate activities

Where the Wild Things Are: A Minibeast Safari ** – B13 (shared woodland tent)

Join the Parks and Countryside Education Team for a hands-on exploration of the woodland habitat, looking for creepy crawlies wherever they might be hiding! We will take a close look at the creatures we find, finding out the role they play in the woodland ecosystem and how they are specially adapted to live here.

National Curriculum: Science – habitats, adaptation and food chains

**This is a bookable activity. Age range – 7+ year olds. Group size up to 30. Approximate duration of activity 30 minutes.
Tropical World LIVE! Helping the Harvest Mouse and a Not-So-Mini Minibeast Safari – D2
Get up close with the supersized tropical cousins of our native minibeasts, and compare them side by side with our local invertebrates. Meet the team who help to look after these and other animals at Tropical World, Lotherton Bird Garden and Pudsey Park, and find out how our zoo collections are helping local wildlife conservation through our harvest mice breeding programme (and much more!).

National Curriculum: Science – habitats, adaptation and food chains

**This is a bookable activity. Age range – 7+ year olds. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website: www.leeds.gov.uk

NATIONAL GAMEKEEPERS ORGANISATION (NGO) EDUCATIONAL TRUST – D8
The role of the keeper in conservation and habitat management
Come to the NGO Educational Trust’s interactive display and learn of the vital role of the gamekeeper in conservation and habitat management through responsible everyday practice.

This is a drop in activity for any age group.

National Curriculum: Habitat management, conservation, food chains and webs

Visit their website: www.gamekeeperstrust.org.uk

THE NATIONAL TRUST – B7
50 Things to Do Before You’re 11 ¾ - No 36. Make a home for a wild animal.
- Habitats matching game.
- Simple recycled/natural craft activity to take home.

Join in the National Trust's campaign to get every child outdoors and inspired by nature. 50 Things To Before You’re 11 ¾ is a list of activities every child should have the opportunity to get stuck in with. Join us to tick of number 36: Make a home for a wild animal. In the session you’ll complete a fun interactive habitats game and each pupil will create a ‘mini bug habitat’ to take home with them. Every pupil will receive their own scrapbook and completion sticker, and each class will receive a 50 things wall planner to take back to school.

**This is bookable activity for any age range. Group size up to 30. Duration of activity 40 minutes.

National Curriculum:
KS1: Living things and their habitats
Pupils should be taught to:
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including micro-habitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Pupils should be introduced to the terms ‘habitat’ (a natural environment or home of a variety of plants and animals) and ‘micro-habitat’ (a very small habitat, for example for woodlice under stones, logs or leaf litter).
KS2: Living things and their habitats
Pupils should explore examples of human impact (both positive and negative) on environments, for example, the positive effects of nature reserves, ecologically planned parks, or garden ponds, and the negative effects of population and development, litter or deforestation.

Visit their website: [www.nationaltrust.org.uk/nostell](http://www.nationaltrust.org.uk/nostell) [www.50things.org.uk](http://www.50things.org.uk)

NORTHERN POWERGRID – A7

Electrical Safety
KS1 – Bee Safe (DVD). Quiz sheets/quiz questions and answers. Electricity simulation. Goody bags and resource packs.
KS2 – Dangerous Close up (DVD). Interactive quiz (who wants to be a millionaire type with handsets). Quiz sheets. Electricity simulation. Goody bags and resource packs.

**This is a bookable activity for ages 5-11 but there will be opportunities for groups to drop in between sessions. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website: [www.northernpowergrid.com](http://www.northernpowergrid.com)

RACING TO SCHOOL – D4

Weighing In**
Pupils will get an insight into life of a jockey and see what goes on behind the scenes in the Weighing Room. They will see a practical application of the maths they learn in the classroom.

**This is a bookable activity for 7+ year olds. Group size up to 30. Approximate duration of activity 25 minutes.

National Curriculum – Functional Maths.

Visit their website: [www.racingtoschool.co.uk](http://www.racingtoschool.co.uk)

ROYAL PIGEON RACING ASSOCIATION – A5 and arena

Learn how to be a breeder, nutritionist, race manager and competitor, all with a little bit of geography, science and maths thrown in. Come and meet the pigeons on the stand and watch some being released as part of the arena programme.

This is a drop-in activity for any age range.

Visit their website: [www.rpra.org](http://www.rpra.org)

RSPB – FAIRBURN INGS – B4

Pond Life**
Identifying pond creatures and their position in a food chain.
Students will be able to catch pond creatures in washing up bowls and then identify them.

**This is a bookable activity. Age range 5-11 year olds. Group size up to 30. Approximate duration of activity 15 minutes.

Visit their website [www.rspb.org.uk/fairburnings](http://www.rspb.org.uk/fairburnings)
THE SHEEP SHOW – D10

Come and meet Nobby the Norfolk Horn, Belinda the Blue-faced Leicester and many more breeds of sheep in the highly entertaining and educational Sheep Show. There will also be a sheep shearing demonstration. You will have been booked onto one of the following sessions.

This 30 minute show will be performed 4 times a day at:

10.15am - 10.45am, 11.45am – 12.15pm,
1.15pm – 1.45pm, 2.00pm - 2.30pm

Visit their website: www.thesheepshow.co.uk

ST CLEMENT VETS – A6

Be a vet**

Come along and have a go at being a vet. We have animal x-rays, dog bandaging and a model sheep to lamb.

**This is a bookable activity. Age range – all. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website: www.stclementvets.co.uk

SUN JESTER CONSULTANCY – 2 separate activities

SUN JESTER - Fire & Light** - B5

An introduction to the use and techniques of making fire from heating, cooking and lighting prior to the introduction of matches and electricity. Make a simple beeswax candle to take away.

**This is a bookable activity. Age range – all. Group size up to 30. Approximate duration of activity 20 minutes.

SUN JESTER – Put the Horse in the Field** - B6

See an empty field….then like magic, a horse appears! Construct a simple Optical Illusion toy.

**This is a bookable activity. Age range – 7+ year olds. Group size up to 30. Approximate duration of activity 25 minutes.

Visit their website: www.sunjester.co.uk
TEACHING TREES - C1

Build a food web**

Students construct food webs to learn how food chains are interconnected.
Students will be able to:
1. construct a food chain and explain how energy flows through the chain.
2. explain how all living things depend directly or indirectly on green plants for food.
3. use pictures and arrows to create a food web that includes the sun, green plants, herbivores, omnivores, and carnivores.

** This is a bookable activity. Age range Y2 to Y6. Group size up to 30. Approximate duration of activity 30 minutes.

National Curriculum
Yr2 Science – how animals depend on each other
- Living things live in a habitat
- Simple food chains
KS2 Science – plants and animals: Adaptations, food webs,

Visit their website: http://www.rfs.org.uk/learning/teaching-trees/

TREEWRIGHT – B2

Bodger - Bow Lathe Turning and Green Woodwork Demonstration
Through the bodging process of splitting, chopping, shaving and turning, we will be transforming logs into useful wooden items. A full range of our products will be an interactive display for all.

This is a drop-in activity for any age range

Visit their website: www.treewright.co.uk/

WEST YORKSHIRE POLICE – WILDLIFE CRIME – B8

Wildlife Crime Scene**
We will have a wildlife crime scene for the young people to examine. This will involve map drawing evidence gathering making evidence based decisions

** This is a bookable activity. Age range any. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website:
www.westyorkshire.police.uk/about-us/department-profiles/wildlife-crime

WILDBEVERLEY – D1

Kites: Make, take and understand flying**
We think about how birds, butterflies and kites fly…and why can’t we fly? An activity which is variable according to age. With younger children, we colour and then fly. With older children we construct the final flying product in full. The kites are butterflies and birds.

**This is a bookable activity. Age range – any. Group size up to 30. Approximate duration of activity 30 minutes.
WILLOWPOOL DESIGNS – E1

Willow Weaving**
Join expert willow weavers Steve and Simone and enjoy the wonders of willow! During this mini willow workshop children will be encouraged to have-a-go at creating their own wreath or spring garland to take away. During this process children will have the opportunity to learn about willow and view a variety of examples on display. This is an excellent activity for children to learn some basic weaving techniques and enjoy the relaxing benefits of weaving. Children will also be inspired to decorate their creations with wildflowers, leaves and recycled materials.

** This is a bookable activity. Age range - 7+. Group size up to 30. Approximate duration of activity 15 minutes.

Visit their website: [http://www.willowpooldesigns.co.uk/](http://www.willowpooldesigns.co.uk/)

WOMEN’S FOOD AND FARMING UNION – D3

Wool – how do we prepare it and use it**
Why do sheep have wool? There are fleeces to look at and different types of wool to feel and compare. Then twist some fleece into yarn. The main activity is making colourful pompoms using woollen yarn. There will also be posters of breeds of sheep and examples of different uses of wool to examine, including clothing, home insulation and colourful craft items.

**This is a bookable activity. Suitable for any age range. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website: [www.wfu.org.uk](http://www.wfu.org.uk)

YORKSHIRE HERBALIST – E4

From Plants to Potions with medical herbalist Bel Charlesworth

Practice your first aid skills with a Calendula wound wash, earn your Nettle warrior stripes by discovering its special powers and try a snot-busting potion of Elderflower and Mint. Then find out how to talk to plants and finish with a herbal story tale.

**This is a bookable activity. Suitable for AGES 5+. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website: [www.yorkshireherbalist.co.uk](http://www.yorkshireherbalist.co.uk)

YORKSHIRE HURDLES – E3

Willow Work**

Willow workshop. Set against a display of willow products, children will be able to experience the age old craft of basketry by creating their own willow item to take away.

**This is a bookable activity. Age range – Y5 and Y6. Group size up to 30. Approximate duration of activity 30 minutes.

Visit their website: [www.yorkshirehurdles.com](http://www.yorkshirehurdles.com) and [www.yorkshirewillowbaskets.co.uk](http://www.yorkshirewillowbaskets.co.uk)
I’m a survivor, fire safety and fire lighting**

- Learn about the fire triangle and fire safety
- What fuels work best and why
- Collect your own fuel
- Make your own (small) fire.

**National Curriculum:** Science Life Processes and living things: 1b, 2b, e, g, 5c. Science 3 – material and their properties: 1b, c, d. Health and safety 2: b  English 1: b, 8c.

**This is a bookable activity. Age range – KS1 or KS2. Group size up to 30. Approximate duration of activity 30 minutes.**

Visit their website: [www.ywt.org.uk](http://www.ywt.org.uk)