



The Royal Highland Education Trust

Royal Highland Show

20th - 23rd June 2019

Royal Highland Showground
Ingliston, EH28 8NB

RHET Children's Discovery Centre & Showground Activities



RHET Introduction

The Royal Highland Education Trust is an educational charity, established in 1999, to help children in Scotland to learn about the countryside, food and farming.

The Royal Highland Education Trust aims to:

- Help the public gain a better understanding of the countryside
- Provide reliable and balanced information on farming and rural issues
- Provide an opportunity for every school pupil to visit a farm/ the countryside
- Ensure Scotland is the best-informed nation in Europe about the rural environment

RHET at the RHS

2019 is the year The Royal Highland Education Trust (RHET) are celebrating their 20th anniversary and they host The RHET Children's Discovery Centre at the RHS, located on Avenue Q which is open from 9am to 5pm over the 4 days of the show. RHET organises a variety of hands-on activities for children along with a selection of our partners and organisations which can be found in both The Centre and across the showground.

The following activities, in our Discovery Centre are available on all 4 days of the show. Please note school groups will be booked into timetabled sessions of the Bookable activities on Thursday and Friday. In our Discovery Centre, when spaces are available out-with the school groups, families can join in too.

NB: Each school group can request one activity; please indicate within the online ticket/booking form your top three preferences of those below. Places are allocated on a first come first served basis and you will be notified by email the week commencing 10th June if you have been successful or not.

Please be aware places are limited and are in high demand during 10am-2pm each day.

Bookable Activities

1. QMS Scotch Beef Cookery Theatre

Learn about a balanced diet whilst preparing fresh ingredients to create your own healthy tasty dishes, incorporating Scotch Beef, Scotch Lamb and Specially Selected Pork.

30 minutes | age 7+ | RHET Discovery Centre

Provided by RHET and supported by Quality Meat Scotland (QMS)

2. Baking with RHET

Discover more about some of the fantastic ingredients Scotland has to offer and use these to make yourself either a sweet or savoury scone.

30 minutes | ages 3-15 | RHET Discovery Centre

Provided by RHET and supported by Aldi

3. Poo Power, with Bobby the Jobby!

The educational aim of the activity is to raise children's awareness of the value in waste. Teaching them for example, how we generate electricity and fertiliser from waste products in a fun and informative way!

20 minutes | All Ages | RHET Discovery Centre

Provided by Veolia

4. 100 years of Forestry in Scotland

Come and explore what has happened to our forests over time. The interactive session will start with how forestry was done in 1919 and then travel to 2019 to see what changes there have been. What will our forests look like 100 years ahead in 2119?

30 minutes | all ages | RHET Discovery Centre

Provided by Scottish Forestry

5. Honey Tent

Experience what it is like to be a beekeeper and try to find the Queen bee. Find out how bees make honey, taste some honey and make a beeswax candle.

30 minutes | All ages | Honey Tent

Provided by The Scottish Bee Keepers Association

6. Tractors and Combine Harvesters to feed the world

Take a tour round the agricultural machinery on the New Holland stand with discussions on the products and the use of technology in agriculture.

15 minutes | All ages | Agricultural Machinery Area, Avenue S

Provided by New Holland

7. Minibeast Safari

Insects play an important role in our agricultural ecosystems as pollinators of crops, natural enemies of pests, and food for other creatures. Knowing what wildlife lives where and how many there are, is important in protecting the environment. Come and help us spot and record our insect friends in this citizen science workshop.

40 minutes | Primary Age | This activity will be held by the West Gate (RSPB Main location is on 4th Avenue, stand 469)

Provided by RSPB

Drop-In Sessions

Please drop into the following sessions, over all 4 days of the show, they are located either in the RHET Discovery Centre or at a noted location on the Show Ground.

Dairy Session

Learn about where milk comes from, and milk our life-size Mabel! Discuss milk products as well as trying some.

Unlimited time | all ages | RHET Discovery Centre

Provided by RHET/Grahams Dairies

Jobfarm: 2019

Following on from the RHASS 2018 Presidential Initiative, JobFarm will be in the RHET Discovery Centre this year.

Are you looking for work experience as either a student or a host farm? Pop in to see us to find out about opportunities in your area.

Unlimited time | Age 15+ | RHET Discovery Centre.

Peachy Keen

We are The Human Energy Company, we design and manufacture products that are powered by human energy! Get involved at their interactive exhibit as they showcase the winning entry for the STEAM Food and Pedal Power Design Competition.

Unlimited time | All Ages | RHET Discovery Centre

In partnership with the RHET and The Human Energy Company, PeachyKeen.

Landbased Engineering

Agricultural machinery is a huge part of the industry and the use of Science, Technology, Engineering and Maths (STEM) is constant. From computers, costs, calibration and consoles, see how farmers use STEM daily.

Unlimited time | All ages | RHET Discovery Centre

Provided by BAGMA and SRUC

Food glorious food - colour, health and your future plate

Hands on experiment to explore role of colour in fruit - antioxidant properties and link to health. Exhibit will explore how what's on our plates may change in the coming years and decades, for health, environmental and social reasons. Kids will have the opportunity to explore current and future 'plates of food' options. (NB this is not a tasting; more about cultivation, nutrition and sustainability) What do they think about future food options and why?

Unlimited time | 10-18 year olds | RHET Discovery Centre

Provided by James Hutton Institute

The RHET Tram Trail

Pick up a map at the RHET Children's Discovery Centre and follow the Tram Trail around the Showground. Stop at different locations to answer questions related to food, farming and the countryside. Pop your completed trail in the post box back in the Centre and be in with the chance of winning an iPad

Unlimited time | All Ages | RHET Discovery Centre

Supported by Edinburgh Trams

British Horse Society

Why not visit the BHS stand for all things equestrian, find out all about horses and ponies, play horsey games and collect free horsey paraphernalia – visit our biggest equestrian charity.

Unlimited time | All ages | Location: Equestrian Area, 16th Avenue, Stand 474

Provided by BHS

Harper Adams - Full fat VS Low fat: can you really taste the difference?

Companies produce the same product with different amounts of fats and sugars for nutritional purpose, but can you tell you full fat products from the same lower fat version?

Unlimited time | All Ages | Location: 7th Avenue, Stand 164

Provide by Harper Adams University

Countryside Cottage - Timber, Tractors & Tweed

One of the single biggest transformations to occur in the Scottish countryside over the last century has been the creation of extensive new tracts of forest and the development of a modern wood processing sector. Within the Countryside Cottage, 'Timber, Tractors & Tweed' tells the fascinating story of the human side of forestry as it has developed in Scotland over the last one hundred years and provides an insight through photographs and archive film footage into the contribution made by the people who created – and later harvested – this sustainable resource.

Unlimited time | All ages | Location: Countryside Cottage, Countryside Area

Provided by RHASS and SRUC Oatridge Campus, Alba Trees & Amy Orr

Poultry – A fantastic educational display of breeds, including waterfowl. Helpers from Craigievern Poultry will be on hand to answer any questions.

Unlimited time | Any Age | Location: By the West Gate

Quality Meat Scotland

Come to the QMS stand to get involved in some of our fun and interactive activities. Why not come and have a go at lambing a sheep, take part in a quiz with officers from the Scottish SPCA and find out more about red meat and your health and a healthy balanced diet. Take part in all the activities and win a goodie bag. The QMS stand also has butchery and cooking demonstrations which you are welcome to watch and maybe even try a tasty dish!

Unlimited time | All Ages | Location: Avenue O

Provided by QMS

Rare Breeds Survival Trust and Goats – Rare breed pigs, cattle, sheep, goats and poultry – always interesting

Unlimited time | Any Age | Location: East end of the Countryside Area

Renewables Village – Worth a trip if you are looking to learn more about renewable energy.

Unlimited time | Any Age | Location: South-East Area of the showground

The Scottish Partnership Against Rural Crime

Come and see our new police tractor complete with blue lights! Plus learn about what goes on in rural communities to see if you can make a difference and help SPARC make Scotland a safer place.

20 minutes | All ages | Location: Avenue H, Stand 159

Provided by SPARC

Scottish Woodlands Ltd - Life as a Forest Manager

We are an employee-owned forest management company, operating across the UK. We would like to share what happens in the 'Life of a Forest Manager'.

Unlimited time | Secondary Pupils | Location: North Side of the Forestry Arena (adjacent to the Woodland Walkway)

Forestry Arena – Stop by to see spectacular pole climbing races and chainsaw carving. **Location: 4th Avenue**

The Forge – Watch the farriers at work, making horse shoes. Wear your ear plugs! **Location: 13th Avenue**

The Main Ring – Watch all the judging take place at Scotland's largest livestock competitions.

For event timings, locations, and stage performances, please see the RHS website www.royalhighlandshow.org