

MORE INFO

British Science Association, Aberdeen Branch
and

Aberdeen Science Centre

would like to thank you for attending our annual
British Science Week Discovery Day!

Aberdeen Science Centre is a non-profit organisation, which provides a valuable educational resource for the whole community where people of all ages, backgrounds and abilities can engage with science and be enthused and inspired. Our hands-on exhibits and live science shows help our visitors discover more about the amazing world of science, technology, engineering and mathematics around them.

As well as enjoying a family fun day out, you can relax in the coffee shop and visit the science shop where you will find a range of kits, toys, posters and puzzles to keep exploring and discovering science long after your visit has ended.

£1 entry, under 3s FREE

Aberdeen Science Centre, Satrosphere is open daily, 10am – 4pm,
The Tramsheds, 179 Constitution Street, Aberdeen, AB24 5TU
Tel: 01224 640340 Email: www.aberdeensciencecentre.org



DISCOVERY DAY PROGRAMME

Aberdeen Science Centre



**Saturday 21st
March 2015**



NORTH EAST BIODIVERSITY



SHOWS & TALKS

IN THE SHOW THEATRE ...



Micro Art: Seeing Is Believing

(11:00 and 14:00)

Kevin Mackenzie, microscopist and photographer (University of Aberdeen) shows us some stunning images and explains how he captures them using optical and electron microscopes!

Photosynthesis – And Why Light can Be The Bad Guy

(12:00 and 15:00)

Join Anna Matuszynska, a researcher from Heinrich-Heine University Düsseldorf and take part in an interactive presentation on Photosynthesis!

Arcs & Sparks Show

(13:00)

Witness the amazing power of electricity in this high voltage show! Prepare yourself – sparks will fly! Created by Dr Ken Skeldon from the University of Aberdeen.

IN THE LAB ...



Biophysics for Beginners

(12:30 and 15:30)

How do plants change the sun's energy into food? Find out how with Anna Matuszynska (Heinrich-Heine University Düsseldorf) and Dr Ahmad Mannan (University of Aberdeen)!

IN THE EINSTEIN ROOM...



Lego Robots

(10:00 – 16:00 – Drop in)

Join the ComputerXplorers Team and use the latest Lego robotics technology to build and programme amazing creatures that use motors, gears and wheels!



HANDS-ON

ON THE EXHIBITION FLOOR ...

(10:00 – 16:00)

Aberdeen City Council: Have your views heard and ask questions about the exciting new City Centre master plan!

British Science Association Branch: Come and chat to members of the Aberdeen branch to find out how to get involved in events and activities throughout the year

City Rangers: Choose your native tree and compete against other trees to become the tallest, most majestic or fruitful tree of the forest.

Crowdinfo: Take part in a live experiment with researchers from the University of Aberdeen and try out Crowdinfo, an app that measures how busy a place is!

Maritime Museum: Make a model of an oil platform using only newspaper and sticky tape and handle and try on objects from the museum's Oil and Gas collection!

North East Biodiversity Partnership: Find out how we have been able to record a range of species from the tiny Pygmy Shrew to the playful Pine Marten!

OPAL: Come on a creepy adventure and let OPAL help you identify some bugs.

Revolv3D: Try out the 3D scanner and learn more about the fascinating world of 3D printing!

RSPB: Discover the smart solutions that owls use to survive. Dissect pellets, fascinate over feathers and be amazed by all things owl!

Science Grrls: Meet some real life science super heroes, find out about their scientific super powers and make a pledge to save the world!

TAU Racing: See the 'Team Aberdeen University' formula style racing car and learn more about the team and the engineering of their speedy vehicle!

TechFest: Develop your construction and engineering skills by producing your own creative K'Nex model!

Waste Aware Aberdeen: Visit the Recycling Team and their pet worms to find out about how your food waste turns into compost

Wellcome Image Awards: See up close the fantastic winners of this year's Wellcome Image Awards!