

SAW Training Workshop

Reinvigorate your staff at the 2015 SAW training workshop and enter our prize draw* to win a free SAW project for your class

Last year we introduced the SAW methodology to new schools at a 'hands-on' workshop with plenty of tips for designing innovative SAW activities for **all ages** and we are running it again this year.

We received great feedback from last year's teachers who tried it out in their schools. St Edmunds RC Primary designed a SAW week on the theme of living things and wrote "Thanks for inspiring us all, we had such an interesting and fun week with great comments from parents and children!"



Art by St Edmunds RC Primary School, Suffolk.

SAW Training – 23rd March 2015 from 4.30-7pm at the John Innes Centre, Norwich. Places cost £120/person incl. prize draw entry - email: jenni.rant@jic.ac.uk to book

***The 2014 Prize draw winner is the City of Norwich School – Congratulations! SAW will be visiting CNS in June 2015 to work with a class of Year 7 pupils**

Lunchbox Science!

A new collaboration between Farming & Countryside Education (FACE <http://www.face-online.org.uk/>) and the SAW Trust will create 8 new projects for schools in 2015 that look at the links between science and agriculture.



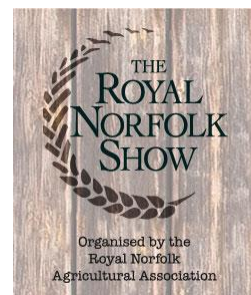
Farming & Countryside Education

Over the past year, the FACE East of England Regional Co-ordinator Moya Myerscough has used a local food lunchbox activity to encourage school children to think about where their food comes from. We plan to build on this model by taking common lunchbox ingredients such as bread, cheese, lettuce, yoghurt, water, chocolate & crisps and introduce current research topics through activities to show the strong links between science and agricultural development.

Funded by local agricultural charities and pulling together cutting edge research from the Norwich Research Park, these projects will use the SAW cross-disciplinary approach to enable children to explore the issues being addressed in science and agriculture that focus on feeding future populations in a sustainable and environmentally sensitive manner.

Eight one-day sessions will be designed and delivered in schools during June 2015 by teams of scientists, artists and writers, where children will explore the ingredients through practical science, creative writing and the visual arts, with the option of a farm visit on a second day.

The schools will then present their projects in a celebration exhibition at the Royal Norfolk Show and lesson plans will be developed from each of the eight sessions to enable sharing of the 'Lunchbox Science' activities to schools locally and nationally via the FACE and SAW Trust websites.



SAW out and about!



After touring locally during the summer, our Nature's Factory stand reached the main event at Bethnal Green, London for the Great British Bioscience Festival on the 14th, 15th & 16th November.



Over three days, more than 6,500 visitors attended the festival marking the culmination of a year-long programme of activities to celebrate BBSRC's 20th anniversary. The Biotechnology and Biological Sciences Research Council (BBSRC) invests in world-class bioscience research and training on behalf of the UK public. See the festival video here; <http://youtu.be/nQpsG75AFic>

BBSRC have great resources for schools here - <http://www.bbsrc.ac.uk/society/schools/schools-index.aspx>

Antibiotics SAW Project



Along the current by a Year 6 pupil
Parachuting to safety,
Mysterious creatures float on the breeze,
For survival, they must use
Their cloud protection...

...At night, nothing is safe,
Not the creatures, nor anything else,
In the black no one can see,
What could be coming to get them.....



Streptomyces coelicolor - Mervyn Bibb & Andrew Davis(JIC)

Where do antibiotics come from? Why are they made, what do they do, and why are we running out? These are just some of the questions explored by year 6 children at Monkfield Park Primary School, Cambourne in their antibiotics-themed project in October.

John Innes Centre scientist, Prof Barrie Wilkinson teamed up with SAW writer Mike O'Driscoll and artists Caroline Wendling and Bryony Graham from Wysing Arts Centre to deliver the two-day SAW workshop.

WYSING ARTS CENTRE



The children's art & poetry was kindly displayed in an exhibition at the Wysing Arts Centre during October half term.

<http://www.wysingartscentre.org/>



The intriguing scientific images used on this project, including the soil bacteria *Streptomyces coelicolor* (left) are free to download from the new Norwich Research Park image library; images.norwichresearchpark.ac.uk

**NEXT
TIME**

SAW Interns, the USA teaching laboratory, SAW out and about, Synthetic Biology project, prize draw and more...

If you don't want to receive news from SAW please drop us an email.