

The Primary Science Coordinators Forum

Bringing together science leaders from across the North East to share good practice and gain high-quality support and training.



nustem



Awkward meet and greet

In 3 minutes, find out these three things about everyone in the room:

Name

Where they work?

Why are they the science coordinator?



Sharing Science

I'd like to increase the opportunity for sharing good practice amongst this group. This will be a regular session when Sci Cos can share interesting activities, ideas, videos that they have used (or seen used) in science teaching.

I will make notes about each activity and circulate them after the session.

Evolution: Dogs and Turtles

Use soft toys to talk about evolution, inheritance and adaptation.

Q. What might the offspring of turtle x and turtle y look like?

Q. What would happen if the environment changed in way x, y or z?



What's in the box?

Sharing science

Greg (Oakfield) – at the start of the year, Greg’s Y1 class adopts a tree in the school grounds. Throughout the school year, children take photos and note changes to their adopted tree. The exercise also inspires creative writing, poetry and artwork. Whilst covering the seasonal changes part of the science curriculum.

Mark (Carville) – shared an activity he'd seen using laces and cocktail sticks to discuss DNA in Y6.

Denise (Oakfield) – Denise's class explored the digestive system using a pair of tights and then created a comic strip about the topic.

Ellie– Ellie's class have been exploring rock types using different chocolate bars - <http://www.nationalparks.gov.uk/students/teachersarea/teaching-resources/act-chocolategeology/activityguide-chocolate-geology.pdf>

Kaye (St Charles RC)– Kaye’s school is using Reach Out - <http://www.reachoutcpd.com/> - for free, quick science CPD for her staff. Kaye has also been exploring life cycles, by bringing mealworms into her classroom and changing the different conditions of them. It takes a few weeks, but they finally turn into beetles!

Karen (Battle Hill) – Karen shared a free online resource called <https://explorify.wellcome.ac.uk/> - This resources has great starters and activities for getting science discussion into the classroom.



Programming with Cubetto



Coding in EYFS and KS1

Next week we're holding a workshop design session for a Cubetto workshop.

I'd like us to use some time, to think how we might use Cubetto in your schools.



Cubetto Workshop

Tuesday 28 November
Think Lab, 4.30 – 6pm

Audience:
ICT leads and EYFS teachers

Free loan of a Cubetto to those
who take part.



Careers and the National Curriculum

Who uses science?



Plant scientists - arborist

An arborist, tree surgeon, or arboriculturist, is a professional in the practice of arboriculture, which is the cultivation, management, and study of individual trees, shrubs, vines, and other perennial woody plants in dendrology and horticulture.

What do you think the job would be like?



Plants scientist - arborist

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Wikipedia:
"arborist"

What do you think the job would be like?

Google:
"arborist
female"



Adopting this approach

Can you use this approach in your science lesson this half term?



What next?

This is a forum for your development.

How can NUSTEM support you over the coming year?

Upcoming meetings:

24 January

15 March

8 May

13 Jun

