

British Science Week News 2016

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week

@tongwynlaisprimaryschool

Year 6 Reporters:

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What is British Science Week?

This week was British Science Week and we had lots of visitors from different areas of Science coming to teach and inspire the whole school to find out more about Science.

TECHNIQUEST VISITS TONGWYNLAIS



The whole of Tongwynlais Primary had the chance to use the Techniquest Material Science kit which was set up in the School Hall for two days – there were science investigations and interactive games. Nye Davies from Year 5 said “My favourite part about Techniquest was the vortex activity, it was really fun!”

Mrs Bayley said “I took the Reception children to interact with the equipment loaned to us by Techniquest. They were excited to learn about how things worked and learned a lot too!”

All the children visited the Science stations – it was a Science ‘Materials’ Carousel that included the Bubble Race, Cartesian Diver, Electrical Conductors and Insulators, Metal Detector and a Thermal Imaging Camera and more.

Braces Bread

Braces Bread came and taught the year 1 and 2 children how to make bread. A few of the children got to try kneading it and all the children took home loaves of fresh bread. Morgan from Year 1 said “I had Braces Bread for breakfast with cereal! It was nice!” and Scarlett in year 2 said “I enjoyed learning what ingredients are in bread.”



Volunteers get ‘hands-on’ with bread dough!

DR EGGBEER BROUGHT A 3D PRINTER



Dr Dominic Eggbeer, father of Carys and Tomas Eggbeer, came in and told Year 3 and 4 all about his job working with prosthetics including using a 3D printer that can even replace body parts! He makes artificial eyes, ears and noses.

Evan in Year 4 said “I really enjoyed learning something new –it was so interesting!”



This is the second year that Tongwynlais has worked with the National Museum of Wales OPAL project and their Community Scientist Dr Brown.

Dr Barbara Brown worked with Year 4 and 5 and they went outside in the school grounds. Barbara taught them about different 'bugs' and they dug out their own insects to find out more. Maisey in Year 4 said, we went outside and dug out bugs, it was really fun!

Dry Ice & Chemical Reactions in Year 6



Dr Simon Kondrat is a post-doctoral Research Associate in Cardiff University. He came in to talk to year 5 and 6 about his work in Science in the Catalysis Institute. Lucy Renwick in Year 6 said "I liked the dry ice in the balloon. I really enjoyed the activity!"

Dr Kondrat is Euan's dad in Year 1.



Imagine having two scientists as parents?

Well, Dr Stefano Perni and Dr Polina Prokopovich, are the parents of Veronica and Carlotta Perni and both work at Cardiff University. Dr Perni is a Post-doctoral Research Associate and Dr Prokopovich is a Lecturer in the School of Pharmacy. Dr Perni is Italian and his wife Dr Prokopovich is from St Petersburg in Russia.

They showed Year 1 and 2 a science experiment about how different chemicals react together and change.

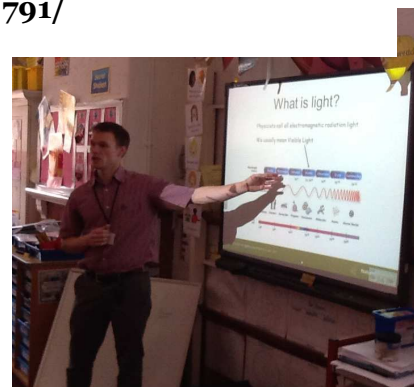


TOM COTTRELL TALKS ABOUT MINERALS

Tom Cottrell is the Senior Curator for Mineralogy at the National Museum of Wales and he talked to Year 6 about his job and brought in minerals with him. Jake Bayley said "My favourite part was when we looked at the minerals under UV light. It was really interesting!"

Tom said afterwards that he thought the children were extremely well behaved, and a credit to the school and they put all the rock samples away correctly too!

To find out more about mineralogy look on www.museumwales.ac.uk/791/



Tongwynlais Primary School After-school STEM Club

STEM stands for Science Technology Engineering and Maths. A quote from Mrs Stockdale who runs STEM is "STEM is a really popular after school club for pupils in Year 5 and 6 who are interested in developing their scientific knowledge and understanding.