

Easter Bush Science Outreach Centre

Jayne Quoiani, Science Outreach Centre Officer, tells us about a new facility available to schools in Scotland.

The new Easter Bush Science Outreach Centre (EBSOC), which is located in Midlothian next to The Roslin Institute on The University of Edinburgh's Easter Bush Campus, is a brand new purpose-built teaching laboratory where primary and secondary pupils engage with real-life science. The Centre enables school pupils to experience real scientific techniques, perform experiments and explore current research across The University of Edinburgh. We offer hands-on STEM based workshops for P6 to S6. We also support teachers, who teach STEM subjects, and support the **Developing the Young Workforce** initiative in a variety of ways, such as our popular #MeetTheScientists activity!

We currently have three primary workshops which are themed on the topics of DNA, inheritance, microorganisms, disease and body systems [1].

We have several secondary school workshops and of our six workshops, DNA profiling - The Great Escape and PCR: A Question of Taste use gel electrophoresis to separate DNA fragments [2].



Figure 1 - Delegates from SSERC's 2018 Biology Summer School on a recent visit to EBSOC.

Our workshops:

- are full-day;
- are hands-on;
- are linked to the curriculum-linked;
- offer real-world connections - actual lab equipment, chance to meet scientists and clinicians;
- provide tangible results;
- offer inspiration for studying STEM subjects at school and beyond and pursuing STEM careers.

Bookings for 2018-2019 are currently being taken - during the autumn term priority will be given to Senior phase pupils.

To remain updated about all EBSOC's workshops, events, funding opportunities, competitions and CPD sessions please join the mailing list by going to www.ed.ac.uk [3]. <<

References

- [1] Workshop details at <https://www.ed.ac.uk/easter-bush-campus/science-outreach-centre/primary>.
- [2] The details of all EBSOC's secondary workshops can be found at <https://www.ed.ac.uk/easter-bush-campus/science-outreach-centre/secondary>.
- [3] Join the mailing list by going to <https://www.ed.ac.uk/easter-bush-campus/science-outreach-centre/eboc-communications>.



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