



Young Engineers and Science Clubs Scotland

Report to the Institute of Physics

March 2012



Scottish Council for
Development and Industry

Background

The Institute of Physics awarded SCDI a grant of £2,500 in May 2011 towards the [Lighting up Curriculum for Excellence](#) project.

Lighting up Curriculum for Excellence has been developed to introduce mainly primary pupils and their teachers to electronics in an exciting and engaging way. Each kit contains a soldering iron and all the necessary tools and safety equipment, as well as 60 individual component packs for each of three LED based circuits. To date, over 75 kits have been distributed to schools across Scotland, backed by half day teacher training sessions. During 2011/12, we have organised training workshops in Edinburgh and Dundee with a further session planned for Highland during May. In addition, we have run workshops for school pupils at Peebles Science Fair and Grangemouth Science Fair. During National Science and Engineering week, we ran workshops for pupils/teachers in Midlothian and at the Museum of Communication in Fife. In addition, a number of one-to-one training sessions were held.

The Institute of Physics' support has been highlighted on all materials and the Young Engineers and Science Clubs Scotland website and dedicated Lighting up Curriculum for Excellence website.

Institute of Physics Support

Sustainability is an important aspect of the programme and many of the schools with kits require additional components and/or soldering equipment to introduce the project to new groups of young people.

The Institute of Physics grant has enabled additional Lighting up components and equipment worth £125 per school to be provided to the following schools across Scotland:

MacDiarmid Primary, Isle of Skye
Dornoch Primary, Highland
Udny Green Primary, Aberdeenshire
Sacred Heart Primary, Midlothian
Kingsland Primary, Borders
Priorsford Primary, Borders
Moorfoot Primary, Inverclyde
Clerkhill Primary, Aberdeenshire
Community Learning and Support Service, Glasgow
Community School of Auchterarder, Perthshire
Tullynessle Primary, Aberdeenshire
Blackfriars Primary, Glasgow
Midmar Primary, Aberdeenshire
Shawlands Primary, Glasgow
Glasgow Gaelic School, Glasgow
Brora Primary, Highland
Mauricewood Primary, Midlothian
Ardgowan Primary, Inverclyde
Portree Primary, Isle of Skye
Hawick High School, Borders

Testimonials and Photos

“Hands-on inspirational course that offered excellent benefits to staff and pupils”
P Nicolson, MacDiarmid Primary, Isle of Skye

“The resources you provide are excellent, useful and very much appreciated”
Julie Ireland, Biology Teacher, The Community School of Auchterarder, Perth and Kinross

“I thoroughly enjoyed the Lighting up CfE CPD today at EDS. I was very impressed with the kits and the level of support provided during the workshop and I cannot wait to get started making these kits with the children in my school” Claypotts Primary, Dundee

“I thought the workshop and kits were excellent, and the enthusiasm, friendliness and expertise of the training providers were outstanding” Sciennes Primary, Edinburgh



Visit www.lightingupthecfe.com for more photos and comments.

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