



Course Tutor:  
Michael Newman

Venue: Tower Hamlets PDC

Date: Thursday 1 March 2012

Time: 10.00 am to 12.30 pm

Target group/phase:  
Key Stage 2 Students

Max: 4 schools (6 students +  
2 staff per school) Tower  
Hamlets only

Price: £55 for subscribers to  
Tower Hamlets Schools  
Library Service, or £75 per  
school

Course code: HEC27/11

For more information contact:  
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[www.eastendtalking.org.uk](http://www.eastendtalking.org.uk)

Tower Hamlets Schools Library Services



## How is Datalogging Helping to Save the Planet and Your Life?

Children as Scientists Exploring Climate Change

### Learning Outcome

How do we use ICT to measure evidence of climate change, to control our **energy** use, to test models of the climate change theory?

Help your students to become **Climate Change Ambassadors**. Bring a team of six students to use ICT to **explore** the issues through **science** and **datalogging**.

They will be carrying out **experiments**, creating tables of results and graphical presentations, bar charts and line graphs. They will be **predicting** their results and **thinking** about what they have found out.

They will take away materials to allow them to create a display and powerpoint to use in their school to share their work and their **findings**.

Teachers will learn how to use the hardware, logits, sensors, software and will take away a guide on how to use datalogging in the classroom. The equipment can be loaned from the School Library Service

### Event Process

1. How to use sensors and dataloggers to explore the issue of sustainability
2. Use of satellite images of the planet and weather pictures predicting storms
3. Importance and use of datalogging in science and their lives.
4. What is global warming and the evidence for it.
5. How dataloggers compare to how our body works.



### Booking form: Children as Scientists Exploring Climate Change, Datalogging

|  |  |                              |  |
|--|--|------------------------------|--|
| Name of school                         |  |                              |  |
| Name                                   |  | Position:                    |  |
| Tel                                    |  | Fax:                         |  |
| Email                                  |  | Key stage                    |  |
| Number and names of teachers attending |  | Number of students attending |  |

Please return completed form and to Sharifa Khanom

Email [hecevents@gn.apc.org](mailto:hecevents@gn.apc.org) or

Fax: 020 7364 6422 or send by post to:

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