

Title of Course: Green-Schools Summer Course

Dates of Course(s): Monday 5th of July 2010 – Friday 9th of July

Starting time: **9.30 am** Finishing time: **14.30 pm**

Break Times: **11.00-11.15 Coffee break 13.00-13.30 Lunch break**

	Time	Venue	Specific objective(s) of session	Format (lecture/workshop/field trip/ICT/video clips etc.)	Lecturer & Qualifications
Day 1	9.30 – 11.00 Coffee Break	Lifetime Lab	Introduction to course and the various themes of the Green Schools programme (litter/waste, energy, water, travel, biodiversity and global citizenship) Outline of the 7 steps of the Green Schools programme	Lecture outlining the international aspect of the programme, the various themes and the environmental and social benefits associated with the Green Schools programme Slideshow and lecture	Birgit O'Driscoll Birgit O'Driscoll and Rachel Boyle
	11.15 – 13.00	Local wildlife area	Biodiversity; what is it and how can we manage it?	Lecture and Fieldtrip, workshop participants will learn how to identify some of our common species and will learn how to 'habitat map' an area with their students.	Rachel Boyle and Dr Michael John O'Mahony
	13.30-14.30	Lifetime Lab	Classroom activity associated with biodiversity	Hands on activities for the class room and exploring web based resources such as www.woodlandgrange.leics.sch.uk/IWB/digitalmedia.htm and www.bto.org/birdatlas/ and www.birdwatchireland.ie	Birgit O'Driscoll and Rachel Boyle
Day 2	9.30 – 11.00 Coffee break	Natural Gas electricity generating station, Centre Park Road, Cork	To raise awareness on the electricity generating process and to inform about the history of power generation in Ireland	Fieldtrip to local natural gas electricity generating station	Ger Slyne, ESB
	11.30 – 13.00 Lunch	Lifetime Lab	Science activities; Green Schools and the Primary Science Curriculum	Workshop; Participants will be working on science experiments they can use in the classroom. The experiments are hands on activities that encourage discovery and investigation with pupils and are based on the themes of water and energy.	Ms Una Leader, Bsc Environmental science, Msc Hydrogeology, HdipEd
	13.30-14.30	Lifetime Lab	Energy, waste and water conservation, case study	Lecture; will provide practical ideas on how to conserve energy, water and reduce waste at home and at work.	Mr. Mervyn Horgan, Lifetime Lab
Day 3	9.30-11.00 Coffee break	Lifetime Lab	Global Citizenship Lecture on the global aspects of environmental degradation and how the theme fits into the 7 steps of the Green Schools programme, with particular focus on 'Climate Change'.	Lecture, Slideshow and workshop introducing participants to practical classroom activities based on Trocaire's Climate Change Materials, Tales of Disaster DVD and their website (www.trocaire.org/primary)	Ms. Sheila Dillon, Education Officer, Trocaire

	11.15-13.00	Lifetime Lab	Exploration of Environmental, economic & social issues associated with the way we travel today.	Fieldtrip; participants will do a walkability audit evaluating how pedestrian-friendly a route is by assessing the quality of footpaths, lighting, traffic speeds, infrastructure, safety, etc.	Ellen Murphy and Birgit O'Driscoll
	13.30-14.30	Lifetime Lab	Assessment of walkability audit and mapping	Workshop: Participants will discuss findings of audit and come up with solutions to problems encountered. This workshop will include a demonstration on Google mapping of creating safe walking routes which children can do themselves on Interactive whiteboards	Ellen Murphy and Birgit O'Driscoll
Day 4	9.30-11.00 Coffee break	Lifetime Lab	Lecture on Waste management	Lecture with slideshow	Birgit O'Driscoll Bsc and Kevin Ryan
	11.15-13.00 Lunch	MRF Glanmire	Fostering a practical understanding of waste management at a local level	Field trip to the local Materials Recovery Facility (Greenstar, Glanmire) to create an understanding of waste disposal and recycling in Ireland.	
	13.30-14.30	Lifetime Lab	Practical ideas on how to bring learned material into the classroom	Workshop; participants will be taught games associated with waste management they can bring into the classroom. Exploring web based resources like www.e-learningforkids.org and www.reuseton.ie	Birgit O'Driscoll Bsc and Ellen Murphy Bsc
Day 5	9.30-11.00 Coffee break	Inniscarra Environment directorate Cork County Council	Lecture on Fresh Water Quality, pollution threats and sources, management of Blue Flag beaches and Clean Coast programme.	Lecture and worksheets on water; these all link directly to the SESE strand of the curriculum from Junior Infants right up to 6 th class and are created by Sherkin Island Marine Station.	Dr Mary Stack Environmental Awareness Unit Cork County Council and Birgit O'Driscoll Bsc
	11.15-13.00 Lunch	Inniscarra Water treatment plant	To create an understanding of the water treatment process.	Fieldtrip; course participants will get first hand experience of the workings of a water treatment plant creating an understanding of the importance of water conservation. http://bradley.bradley.edu/~rf/plantour.htm	Mr. Pat Murphy, Inniscarra water treatment plant
	13.30-14.30	Inniscarra Water Laboratory	To raise awareness on the water quality sampling of Irish bathing waters	Fieldtrip; participants will get a tour of the laboratory and an explanation about the processes involved in ensuring high status water quality in Ireland	Ms Eliz Hipwell Senior Exec.Scientist Water Quality Section, Cork County Council and Mr. David Sheehan