



Accredited SFI Discover Science Centre

## About The Rediscovery Centre



The Rediscovery Centre is a creative space connecting people, ideas and resources. We bring together the skills and expertise of artists,

scientists, designers and craftsmen, united in a common purpose of sustainability, resource efficiency and reuse.

The Rediscovery Centre provides a variety of exciting and interactive workshops that are linked to the second level curriculum which can be delivered either in our centre, the Boiler House in Ballymun, in your own classroom, or virtually online. Our educators are trained in the delivery of environmental education and are Garda vetted. The Rediscovery Centre is an accredited Discover Centre under the Discover Primary Science and Maths programme, which aims to increase interest in science, technology, engineering and mathematics (STEM) among students, teachers and members of the public. ([www.primaryscience.ie](http://www.primaryscience.ie))



Rialtas na hÉireann  
Government of Ireland

## Secondary School Workshops

The Rediscovery Centre secondary education workshops are 80 to 90 minutes in duration and link to the second level national curriculum through a range of subjects including Science, Geography, Maths, Home Economics and ESS. Each workshop features a presentation, a range of interactive activities and ends with a feedback session to encourage the students to share what they have learned throughout the workshop. We can facilitate a maximum of 30 students per workshop.



At the Rediscovery Centre:

90 min workshop for 1 class: €175

2 x 90 minute workshops for 2 classes: €300

3 hr workshop for 1 class: €250

Outreach in your school:

90 min workshop for 1 class: €250

2 x 90 min workshop in one day: €350

3 x 90 min workshop in one day: €400

## Links to the curriculum

Workshops	Suitability	Curriculum Links Strands
Biodiversity	1 <sup>st</sup> Year to TY	<b>Science:</b> Biological World, Earth & Space.
CSI Maths	1 <sup>st</sup> Year to 2 <sup>nd</sup> Year	<b>Maths:</b> Number, Geometry & Trigonometry, Algebra and Functions, Statistics & Probability,
Energy, Electricity and Circuits	1 <sup>st</sup> Year to Transition Year	<b>Science:</b> Physical World, Chemical World, Biological World. <b>Geography:</b> Physical World, How We Interact with the Physical World. <b>ESS:</b> People in their environment, The Modern World.
Sustainable Design	1 <sup>st</sup> Year to Transition Year	<b>Science:</b> Physical World, Chemical World, Biological World, Earth & Space. <b>ESS:</b> People in the Environment, The Modern World. <b>Geography:</b> People, Place and Change, How We Interact with the Physical World. <b>CSPE:</b> The Individual & Citizenship, The Community, Ireland & the World.
Sustainable Living	1 <sup>st</sup> Year to Transition Year	<b>Home Economics:</b> Sustainable & Responsible Living, Consumer Competence, Individual & Family Empowerment
Waste Management	1 <sup>st</sup> Year to Transition Year	<b>Science:</b> Physical World, Chemical World, Biological World, Earth & Space. <b>Geography:</b> People, Place and Change, How We Interact with the Physical World. <b>ESS:</b> People in the Environment, The Modern World. <b>CSPE:</b> The Individual & Citizenship, The Community, Ireland & the World.
Water	1 <sup>st</sup> Year to Transition Year	<b>Science:</b> Physical World, Chemical World, Biological World, Earth & Space. <b>Geography:</b> People, Place and Change, How We Interact with the Physical World. <b>ESS:</b> People in the Environment, The Modern World. <b>CSPE:</b> The Individual & Citizenship, The Community, Ireland & the World.

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The Boiler House, Ballymun Rd, Dublin 9, D09 HK58

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The Rediscovery Centre



## REDISCOVERY CENTRE

Secondary School Workshops

### Workshop descriptions

**Biodiversity Workshop:** Introduces students to biodiversity in Ireland, the importance of biodiversity, ecosystems services, and examines human impacts on biodiversity. The workshop allows students to explore actions for biodiversity conservation. The workshop includes outdoor practical ecology activities (weather dependent).

**CSI Maths Workshop:** Presents the maths curriculum strands to students in a fun and interactive way. The workshop allows students to engage with numbers, shapes and concepts, and to practice math skills to solve mysteries, puzzles and crime.

**Energy, Electricity & Circuits Workshop:** Covers the topic of energy with particular reference to renewable and non-renewable forms and the use of these forms of energy in Ireland. The principles of energy are discussed and methods of energy conservation explored. Students will explore the application of energy as they create water wheels, wind turbines, and solar ovens out of recycled materials. Electricity generation and circuits are also discussed and the students will work with circuits and various components such as lights, motors, resistors and alarms.

**Water Workshop:** Covers the topics of water uses, water sources, water properties, water pollution, water conservation and the water cycle. Various activities and games are included to demonstrate the water cycle, water pollution and the importance of water conservation.

**Sustainable Design Workshop:** Introduces students to sustainable design, how it is necessary in everyday products and how sustainability can play a part in design. The life cycles of various goods are investigated through student interaction to discover the different steps to the manufacturing, sale, use and disposal of goods they use every day. The workshop features a range of hands-on activities that explores sustainable design.

**Sustainable Living Workshop:** Aimed at Home Economics students and explores sustainability and sustainable development relating to responsible production and consumption. Students examine the principles of sustainability, product lifecycles and packaging. The workshop includes a range of sustainable living hands-on activities.

**Waste Management Workshop:** Introduces the students to the concept of waste with particular reference to Ireland and discusses the different types of waste. Activities are hands-on and promote the repair, reuse, upcycling and recycling of materials. There are moving debates throughout the workshop to encourage student engagement.



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### For more information

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