



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 craftspeople, united in a common purpose of sustainability, resource efficiency and reuse.

Rediscovery Centre's Education Programme provides a variety of exciting workshops that are based on hands-on enquiry and experiential learning. Our workshops for secondary schools are linked to the post-primary curriculum. Workshops can be delivered either at our centre, in your own classroom, or online.

Our educators are trained in the delivery of environmental and STEM education and are Garda vetted. The Rediscovery Centre is an accredited Research Ireland Discover Centre.

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Secondary School Workshops



Our second level education workshops are 90 minutes in duration and link to the school curriculum through a range of subjects. Our education workshops for secondary schools cover a variety of environmental and STEM topics and connect to the Sustainable Development Goals.

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. We can facilitate a maximum of 30 students per workshop.



**Available
Nationwide!**



Rialtas na hÉireann
Government of Ireland

Comhairle Contae
Fingall
Fingall County
Council



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Rediscovery
Centre



The Rediscovery
Centre



Rediscovery-
Centre

Workshop Topics

**** Available in Greater Dublin Area only**

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, and includes outdoor practical ecology activities (weather dependent).

Suitability: 1st Year to TY

Climate Action Workshop

Introduces students to the science of climate change, its causes and effects, and how human actions are affecting the climate. The workshop enables students to explore the topic of climate change and encourages them to take actions in their schools and everyday lives to combat it.

Suitability: 1st to 5th Year

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 practise maths skills to solve mysteries, puzzles, and crime.

Suitability: 1st to 3rd Year

Energy, Electricity, and Circuits Workshop:**

Covers the topic of energy with particular reference to renewable and non-renewable forms, and their impact on climate change. The principles of energy are discussed and methods of energy conservation are explored. Students will examine the application of energy, building wind turbines and solar ovens from recycled materials.

Suitability: 1st Year to TY



Workshop Topics

Sustainable Design Workshop

Introduces students to sustainable design, why 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, by exploring the different steps in the manufacturing, sale, use and disposal of everyday goods.

Suitability: 1st to 6th Year

Sustainable Engineering Workshop

Examines engineering, key engineering skills, and the engineering process. The workshop explores sustainable engineering from its principles and importance to real-life examples of sustainable engineering. During the workshop, students conduct a range of hands-on activities that explore sustainable engineering, including an engineering design challenge.

Suitability: 1st Year to TY

Sustainable Fashion Workshop

Introduces students to sustainable fashion and explores the impacts of the fashion industry, the concept of sustainability, principles of sustainable and circular fashion, and examines how STEM can provide solutions for the future of the fashion industry. It features a range of hands-on activities that explore sustainable fashion, including the lifecycle of clothing, the principles of sustainable fashion and the future of fashion.

Suitability: 1st to 6th Year:



Workshop Topics

Sustainable Food Workshop

Introduces students to sustainable food, the impacts of the food industry, food production, and food waste. During the workshop, students will cover the concept of sustainability, principles of sustainable food, the impact of consumer choice, and examine how STEM can provide solutions for the future of the food industry. It features a range of hands-on activities to explore food issues, ecological footprint, and examples of sustainable food.

Suitability: 1st to 6th Year

Sustainable Living Workshop

This workshop is aimed at Home Economics students and explores sustainability and sustainable development relating to responsible consumption and production. Students examine the principles of sustainability, as well as product lifecycles and packaging. The workshop includes a range of hands-on activities to explore sustainable living.

Suitability: 1st to 6th Year

Waste Workshop**

Introduces 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.

Suitability: 1st Year to TY

Water Workshop**

Covers the topic of water, its sources and properties, pollution and conservation, and the water cycle. Various activities and games are included to demonstrate the water cycle, water pollution and the importance of water conservation.

Suitability: 1st Year to TY

Curriculum Links

* Workshop topic available in Greater Dublin Area only

Workshop	Suitability	Availability	Curriculum-Links	SDG Links
Biodiversity	1st Year to TY	Virtual, Outreach & Onsite	Science: Nature of Science, Biological World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: Impacts of settlement on the environment, Contemporary Issues Conservation. Maths: Statistics and Probability, Number, Functions.	   
Climate Action	1st to 5th Year	Virtual, Outreach & Onsite	Science: Nature of Science, Earth and Space, Physical World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, The Modern World. Maths: Statistics and Probability, Number, Functions.	   
CSI Maths**	1st to 3rd Year	Outreach & Onsite only	Maths: Statistics and Probability, Geometry & Trigonometry, Number, Algebra, Functions. Science: Nature of Science.	
Energy**	1st Year to TY	Virtual, Outreach & Onsite	Science: Nature of Science, Earth and Space, Physical World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, The Modern World.	  
Sustainable Design	1st to 6th Year	Virtual, Outreach & Onsite	Science: Nature of Science, Earth and Space, Physical World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, Impacts of settlement on the environment.	   
Sustainable Engineering	1st to 6th Year	Virtual, Outreach & Onsite	Applied Technology Engineering: Processes and principles, Design application. Science: Nature of Science, Earth and Space, Physical World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, Impacts of settlement on the environment.	   
Sustainable Fashion	1st to 6th Year	Virtual, Outreach & Onsite	Home Economics: Responsible Family Living, Textiles & Craft. Science: Nature of Science, Earth and Space, Physical World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, The Modern World.	   
Sustainable Food	1st to 6th Year	Virtual, Outreach & Onsite	Science: Nature of Science, Earth and Space, Physical World, Chemical World, Biological World. Home Economics: Food, health and culinary skills, Responsible Family Living. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, The Modern World.	   
Sustainable Living	1st to 6th Year	Virtual, Outreach & Onsite	Home Economics: Food, health and culinary skills, Responsible Family Living, Textiles & Craft. Geography: Exploring the physical world, People, Place & Change, Interacting with the physical world. Science: Nature of Science.	   
Waste	1st Year to TY	Virtual, Outreach & Onsite	Science: Nature of Science, Earth and Space, Physical World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment: the Modern World.	  
Water**	1st Year to TY	Virtual, Outreach & Onsite	Science: Nature of Science, Earth and Space, Chemical World, Physical World, Biological World. Geography: Physical world, People, Place & Change, Interacting with the physical world. ESS: People in their Environment, the Modern World.	  