



## 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.

Rediscovery Centre's Education Programme provides a variety of exciting workshops that are based on hands-on, enquiry and experiential learning. Our workshops for Additional (Special) Needs classes and schools are linked to the primary and secondary curriculum. Workshops can be delivered either in our Centre, 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 SFI Discover Centre.

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## Workshops for Additional Needs

We offer workshops for mild to moderate additional needs classes, and can tailor the workshops to suit the specific needs of the group. Our education workshops are 90 minutes in duration, and link to the primary or secondary level curriculum through a range of subjects. Our education workshops for additional needs cover a variety of environmental and STEM topics, and link with the Sustainable Development Goals.



Each workshop features a short interactive presentation, a range of fun and engaging hands-on activities, and ends with a feedback session to encourage the students to share what they have learned. We can facilitate a maximum of 20 students per workshop.



Available Nationwide!

## Prices

### Onsite at the Rediscovery Centre

- 90 minute workshop for 1 class: €200
- 2 x 90 minute for 2 classes: €400
- 3 hour workshop for 1 class: €350

### Outreach and Virtual in your school

- 90 minute workshop for 1 class: €250
- 2 x 90 minute workshops in one day €400
- 3 x 90 minute workshop in one day €600

## Travel Costs

### Location

### Cost

- Greater Dublin area within 60km of Dublin) €0
- Cork City/Limerick City/ Galway City (within 60km of city) €0
- Between 60km and 100km of city €50
- Over 100km from city €80



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Rediscovery Centre

The Rediscovery Centre



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## Workshop Topics

### Biodiversity Workshop



Introduces students to biodiversity, with particular emphasis on Ireland's biodiversity, ecosystems, food chains and food webs, and animal adaptations. Discusses the importance of biodiversity, human impact, and encourages sustainable living to ensure the safety and the conservation of the environment and its biodiversity.

Suitability: Junior Infants to 6th Year

### Primary Creative Waste Reuse Workshop

Primary Creative Waste Reuse Workshop: Introduces the concept of waste reuse and includes a wide range of hands-on arts and crafts activities reusing waste materials such as fabric, scrap paper, food cans and tetra packs.

Suitability: Primary & Secondary School

### Energy Workshop

Introduces the topic of energy, renewable vs. non-renewable sources and energy use in Ireland and includes discussion of types of energy. Various activities are used to explore energy and its application, such as making a water wheel, solar oven or a wind turbine.

Suitability: Primary & Secondary School

### Engineering Workshop

Introduces engineering concepts and processes, types of engineering, and illustrates how engineering is an essential part of our lives. The hands-on activities develop mathematical thinking, problem solving skills, and spatial awareness, and help foster an interest in engineering. The activities include a range of engineering challenges from K'Nex constructions to building an earthquake proof house.

Suitability: Primary & Secondary School

### Forces Workshop

Covers the topics of forces, exploring what forces are, how objects interact, different types of forces and how we use forces in everyday life. The workshop features a range of hands-on experiments and activities to investigate different forces, such as gravity, friction, air resistance, magnetism and buoyancy.

Suitability: 3rd to 6th Class

## Workshop Topics

### Primary: Maths Detective Workshop

Presents the five curriculum strands (numbers, algebra, shapes and space, measures and data) to students in a fun and interactive way while practicing maths skills to solve mysteries, puzzles, and crime! The activities are linked to the primary maths curriculum.

Suitability: 3rd to 6th Class

### Secondary: 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!

Suitability: Secondary School

### Plastic Problems Workshop



Explores the science of plastics, what is plastic, where it comes from and the types of plastics. The workshop examines the problems caused by plastics, its effects on the planet and people, STEM solutions to these problems and how we as individuals and communities can take action and includes a range of hands-on activities.

Suitability: 3rd to 6th Class

### 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 and consumer choice. 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: 3rd to 6th Class

## Workshop Topics

### Science Workshop



Introduces students to science, what science is and how it affects our daily lives. A variety of hands-on interactive science investigations explore science topics including Physics and Chemistry. From kitchen science to magnetism, this workshop will bring the inner scientist out in everyone.

Suitability: 3rd to 6th Class

### Space Workshop



Covers topics of space, investigating the Universe, origins of the solar system, the planets and moons of our solar system and looking at space exploration. The workshop features a range of hands-on activities around the space theme, including investigating meteor impacts, exploring stored energy and making rockets.

Suitability: 3rd to 6th Class

### Transport for the Future Workshop

Explores transport and the impacts of transport on people, the planet and the economy, and introduces students to sustainability and sustainable transport. During the workshop, students will look how STEM can provide solutions for sustainable transport for the future. The workshop features a range of hands-on activities to explore sustainable transport.

Suitability: 3rd to 6th Class

### Waste Workshop

Introduces the topic of waste, how much we produce, and what we do with it. It describes the differences between reducing, reusing and recycling, and discusses attitudes towards waste. Includes a variety of hands-on activities promoting reusing and recycling waste materials.

Suitability: Junior Infants to 6th Class






























### 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.

Suitability: 3rd to 6th Class

# Curriculum Links

\*\* Workshop topic available in Greater Dublin area only

Workshop	Suitability	Location	Curriculum-Links	SDG Links
Biodiversity	Primary: Junior Infants to 6th Class Secondary: 1st to 6th Year	Virtual, Outreach & Onsite	<b>SESE Science:</b> Living Things; Materials; Energy & Forces; Environmental Awareness & Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments. <b>SPHE. Visual Arts.</b>	   
Creative Waste Reuse	Primary: Junior Infants to 6th Class Secondary: 1st Year to TY	Virtual, Outreach & Onsite	<b>SESE Science:</b> Living Things; Materials; Energy & Forces; Environmental Awareness & Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments. <b>SPHE. Visual Arts.</b>	  
Energy	Primary: 2nd to 6th Class Secondary: 1st Year to 6th Year	Virtual, Outreach & Onsite	<b>SESE Science:</b> Living Things; Energy & Forces; Materials; Environmental Awareness & Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments.	   
Engineering	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Materials; Environmental Awareness & Care; Human Environments <b>Maths:</b> Numbers; Shape & Space; Algebra; Data; Measures.	  
Forces**	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Energy & Forces; Materials; Environmental & Awareness. <b>Maths:</b> Numbers; Algebra; Data; Measures.	  
Primary Maths Detectives**	3rd to 6th Class	Outreach & Onsite only	<b>Maths:</b> Numbers; Algebra; Shape & Space; Data; Measures.	
Secondary CSI Maths**	1st Year to 6th Year	Outreach & Onsite only	<b>Maths:</b> Numbers; Algebra; Shape & Space; Data; Measures.	
Plastic Problems Workshop	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Living Things; Materials; Environmental Awareness & Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments. <b>Maths:</b> Numbers; Data; Measures. <b>SPHE. Visual Arts.</b>	  
Science	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Energy & Forces; Materials; Environmental Awareness & Care. <b>Maths:</b> Numbers; Algebra; Data; Measures.	  
Space	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Energy & Forces; Materials; Environmental Awareness & Care. <b>SESE Geography:</b> Environmental Awareness & Care; Natural Environments. <b>Maths:</b> Numbers; Algebra; Data; Measures.	  
Sustainable Fashion	1st to 6th Year	Virtual, Outreach & Onsite	<b>Home Economics:</b> Responsible Family Living, Textiles & Craft. <b>Science:</b> Nature of Science, Earth and Space, Physical World. <b>Geography:</b> Physical world, People, Place & Change, Interacting with the physical world. <b>ESS:</b> People in their Environment, The Modern World.	   
Transport for the Future Workshop	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Materials; Energy & Forces; Environmental Awareness Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments. <b>SPHE. Visual Arts</b>	   
Water	3rd to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Living Things; Materials; Energy & Forces; Environmental Awareness Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments. <b>SPHE.</b>	   
Waste	Junior Infants to 6th Class	Virtual, Outreach & Onsite	<b>SESE Science:</b> Living Things; Materials; Environmental Awareness & Care. <b>SESE Geography:</b> Environmental Awareness & Care; Human Environments; Natural Environments. <b>SPHE. Visual Arts</b>	