

# Muinín Catalyst STEAM Education for Sustainable Development and Futures Literacy

## SDG8 The Future of Fashion



**Programme Phase 2: Experimentation and Exploration**

**Micro-Module 4: Fashion Design Skills**

**SUBJECT AREAS: Art, Climate Action and Sustainable Development, Design, English, Enterprise, Maths, Science**

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**10** REDUCED  
INEQUALITIES



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**17** PARTNERSHIPS  
FOR THE GOALS



**sfi Discover**  
Science Foundation Ireland



An Roinn Oideachais  
Department of Education

# SDG8 Future of Fashion

## Micro-Module 4: Fashion Design Skills



### Micro-Module (MM) 4: Fashion Design Skills

#### Phase 2: Experimentation and Exploration

**Subject: Art, Climate  
Action and Sustainable  
Development, Design,  
English, Enterprise, Maths,  
Science**

#### Micro-module Summary: Fashion Design Skills

This micro-module explores the bigger picture that 21c Fashion is and needs to address. We are witnessing, in Ireland and globally, events occurring in our own environments relating to Climate change such as floods, fires and pollution that affect all species and habitats.

How can we expand the lens of personal responsibility to look at how the fashion industry is one of the main instigators of this. How can we support companies that are working towards circularity through empathic and considered design methods in their design processes.

Through this module Learners will consider design methodologies and fashion case studies to begin considering the bigger picture.

#### In this Module, the learner will:

- develop skills of planning, researching and producing fashion designs and simple projects
- continue to develop awareness of the basics of ethical sustainable fashion
- develop an understanding of considerate, empathic and circular design
- build transferable skills and capacity that will support learners to share their ideas and using considerate design and circular design principles
- be introduced to tools and methods for simple resourceful fashion production

#### Materials

- Lesson plans
- Accompanying resources
- Optional assessments
- Skill support resources
- Internet Access required

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### Lesson 1 My Fashion: The Big Picture

This lesson begins to explore the bigger picture that 21c Fashion is and needs to address. Learners will consider design methodologies and fashion case studies to begin considering the bigger picture.

Resources: Worksheet 'Design Methodologies' Case Studies'

### Lesson 2 My Clothing Through My Story

In this lesson, learners will consider clothing is the interface between us and the world we inhabit. This lesson enables learners to consider their clothes as companions in their life journeys and their role in our life story.

Resources: Worksheet 'My Clothing Through My Story'

### Lesson 3 Skills for Maintaining, Mending and Customizing my Garments

In this lesson, learners will explore simple methods and techniques for customising garments, extending the life of the garments outside the fast fashion paradigm, using care, mending, maintaining and customisation.

Resources: Teacher's Notes: listing materials and instructional videos for Activity 2 .

### Lesson 4 Field Trip to a Local Charity Shop

In this lesson, learners will develop the skills to purchase with potential. The act of buying a preloved garment is a small act of huge agency. Learners will gain insights and develop the skills which enable imaginative responses to purchasing and customising a garment places the garment in a position of potential.

Resources: Worksheet: Fabric Identification Guidelines: Charity Shop Field Trip

### Lesson 5 Make Your Mark!

In this lesson learners will begin a creative sustainable fashion project, with all the skills in place to imagine and create their own regenerated clothing and there are no rules.

Resources: Worksheet: My Creativity Knows No Limits! Worksheet From MM3: Mood Boards

Complimentary Lessons: Micro-Module 3 My Fashion Everyones Fashion.

There are a number of complimentary lessons in Micro-Module 3 My Fashion Everyones 'Fashion. It is not necessary to undertake this Micro-module before this one however we recommend integrating Activity 1, Lesson 5 Develop a Mood Board, utilising the the Worksheets: Create A Mood / Vision Board. This is available for download from [www.muinincatalyst.com](http://www.muinincatalyst.com) Future of Fashion programme

Additionally, Micro-Module 3, Lesson 6 can also be used in combination with this micro-module

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## Micro-Module 4: Fashion Design Skills



including worksheets: Ready Steady Design Care Challenge Support: Ready Steady Design Care

**External expertise for Micro-Module 3 and 4 Design: Dr Tara Baoth Mooney**  
**Development and additional content on Micro-Module 3 and 4: Dr. Anita McKeown.**

### Using the Resources:

If you wish to use these resources, we can offer an induction and online support throughout the module to help you plan integration into your projects and timetable. To register for this option, please contact us e:hello@futurefocus21c.com

For more information on the resources please visit [www.muinincatalyst.com](http://www.muinincatalyst.com)

### Setting up an online learning environment for the lessons on this module:

Our lessons integrate the use of virtual learning environments. To ensure seamless use of our lessons, a module should be setup on your school's virtual learning environment such as Teams, Google Classroom, etc. Learners are encouraged to upload documents to share with their peers. If your virtual learning environment does not support document sharing, we recommend OneDrive or Google Drive.

You can also use Google Sites or Microsoft Sway to encourage learners to present their work over the year - this can easily be set up to reflect the aims of TY and provide a showcase for their work as well as assessment tool.

### Setting up a Canva Education account.

As our lessons integrate design, our lessons also refer to Canva. Educators and schools are able to open a free Canva for Education account by registering here: <https://www.canva.com/education/>

Canva for Education provides primary and secondary school teachers and students with premium features and templates. You can then also set up lessons and invite your learners to the class.

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