

# **Market Research and Developments**

## **Circular Product Development**

### **Assessment Activity 1**

#### **Activity Title: “Give Your Old Garment a New Life”**

In this activity, students will explore the concept of sustainable fashion design by upcycling an old garment. This activity aims at enhancing students’ understanding of the importance of sustainability in design and fostering their creativity.

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#### **Learning Outcomes**

By the end of this activity, students will be able to:

1. understand the concept of "Designed for Disassembly" / “Made to be Re-made”, promoting the idea of creating products with future reuse in mind, and
2. demonstrate creativity and critical thinking in repairing, revamping, and redesigning an old garment for prolonged and sustainable use.

#### **For Students**

1. **Garment Selection:** Bring an old T-shirt or any clothing item you are planning to discard.
2. **Material Preparation:** Think creatively about everyday materials that can be applied to your garment. Consider recyclable items or materials that would otherwise end up as waste.
3. **Garment Transformation:** During the activity, reshape, recolour, and add unique elements to the garment to create something you would be happy to wear again.
4. **Presentation:** Present the redesigned garment in a fashion show or competition.

#### **For Teachers**

1. **Project Format:** Decide whether the activity will be completed individually or in groups.
2. **Providing Materials:** Prepare some basic materials such as scissors, sewing needles and threads, fabric markers, textile scraps and accessories.
3. **Presentation Session:** Students display their re-made garments. This could be a fashion show or a voting competition. Consider offering a small and eco-friendly prize for the best design.
4. **Post-Activity Reflection:** Discuss with students the importance of sustainability and the practical application of the "Designed for Disassembly" / “Made to be Re-made” concept.

## Assessment Criteria

|  |             |
|--|-------------|
| <b>Preparation</b>   | <b>20%</b>  |
| <b>Participation</b>   | <b>20%</b>  |
| <b>Design concepts on circular design and sustainability</b> | <b>30%</b>  |
| <b>Creativity and quality of the final product</b>           | <b>30%</b>  |
| <b>Total:</b>  | <b>100%</b> |

| Learning Outcomes  | Description   | F   | D   | C   | B   | A   |
|--|---|---|---|---|---|---|
| Understand the concept of "Designed for Disassembly" / "Made to be Re-made"  | <p>Preparation and participation in the activity</p> <ul style="list-style-type: none"> <li>- The selection of the old garment, the thought process behind, and the preparation of materials required for the redesign</li> <li>- The active involvement in the project, the engagement in discussions and activities, and the willingness to learn and explore new concepts</li> </ul> | No preparation, not eager to participate in the activity and not able to demonstrate the understanding of "Designed for Disassembly" / "Made to be Re-made" in the textiles and fashion industry          | Some preparation but show limited dedication to the re-made activity, the ideas of the product are not appropriate for sustainability | Relevant preparation and able to monitor the re-made process but with limited creative ideas applied on the product related to sustainable design | Substantial preparation and active participation, demonstrate an understanding on "Designed for Disassembly" / "Made to be Re-made" and able to apply creative ideas on the re-made product | Outstanding preparation on the activity, demonstrate a good understanding on "Designed for Disassembly" / "Made to be Re-made" through creative and sustainable applications on the re-made product |
| Exercise appropriate judgments and creativity in repairing, re-vamping and re-design an old garment for a more sustainable usage | <p>Creativity and quality of the re-made product</p> <ul style="list-style-type: none"> <li>- The creativity of the redesign, the aesthetic quality and function of the final product, and the quality of artisanship involved</li> </ul>   | Not able to demonstrate the understanding of the concept of "Designed for Disassembly" / "Made to be Re-made" in the textiles and fashion industry and no creative ideas working around sustainable usage | Ideas are not innovative and appropriate for sustainability   | Relevant ideas are applied on the re-made product but with limited creativity related to sustainable design                                       | Innovative ideas are applied to the re-made product and able to demonstrate an appropriate usage of new materials and/or new designs for sustainability                                     | Outstanding creative ideas adopted for the re-made product, excellent usage of materials and/or designs for sustainable circular design purposes  |