

**Sustainable Textiles**

**Weaving**

**PART 1 –** **Create an Informative Video/Presentation**

Detailing sustainable practices in the textiles industry; considering the following:

* What is sustianability in relation to Fashion and Textiles?
* What problems are associated with the production of textile products and what do manufacturors of textiles do to reduce waste?
* Indentify and discuss 2 factors that need to be considered in relation to the production of textiles to ensure sustainability. Explain. (use less toxic materials, use natural materials)
* Provide examples of sustainable textiles fibres or fibre production methods (use pictures to help illustrate your point)
* Provide 3 examples of a sustainable clothing or textiles item detailing:

What is the product?

Why is this design a sustainable product?

* What does all this mean for us moving forward?

**PART 2 – WEAVING TECHNIQUES AND TOOLS (individually)**

Include a Diagram/Picture/Sample
for each technique/tool

Include a description of their purpose in relation to creating a woven wall hanging

The Warp (casting on)

 The Weft

 Beater

 Plain Weave

 Bubbling

 Rya Knots

**PART 3 – INSPIRATION BOARD**

Your task is to create a sustainable woven wall hanging. Below create an inspiration board to explore possible ideas and consideration, this could include the following :

* Photographs and/or illustrations of inspirational images weaving examples of techniques, colours or textures.
* Physical fibre samples of techniques and fibres you would like to incorporate into your design.
* Any other objects that help convey the mood you are trying to evoke.
* Ideas of how to create a more sustainable design

**PART 4 – WEAVING DESIGN**

Below create a detailed labelled diagram of your weaving design including: your colour choices, wool thickness/type and any specific techniques, how this design is sustainable.

**ASSESSMENT CRITERIA**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **WA** | **AE** | **E** | **BE** | **WB** |
| **Technologies for Society** | comprehensive explanation of how people working in design and technologies occupations consider:* factors that impact on design decisions
* the technologies used to produce products, services and environments
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* the technologies used to produce products, services and environments
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| **Evalaution of Techniques and Tools** | discerning evaluation of techniques and tools and their appropriateness for purpose of producing a woven wall hanging. | informed evaluation techniques and tools and their appropriateness for the purpose of producing a woven wall hanging. | Evaluation of techniques and tools and their appropriateness for the purpose of producing a woven wall hanging. | statements of the techniques and tools and their appropriateness for the purpose of producing a woven wall hanging. | limited statements about the techniques and tools and their appropriateness for the purpose of producing a woven wall hanging. |
| **Design** | creation of a sophisticated design based on their evaluation of needs or opportunities | creation of a effective design based on their evaluation of needs or opportunities | creation of a satisfactory design based on their evaluation of needs or opportunities | creation of a design somewhat based on their evaluation of needs or opportunities | Limited creation of a design. |
| **Product** | proficient production of high quality designed solutions suitable for the intended purpose by selecting and using appropriate technologies skilfully and safely | effective production of high quality designed solutions suitable for the intended purpose by selecting and using appropriate technologies skilfully and safely | production of high quality designed solutions suitable for the intended purpose by selecting and using appropriate technologies skilfully and safely  | guided production of designed solutions for the intended purpose by selecting and using technologies safely | guided production of designed solutions for a purpose by using technologies safely |