**BTEC - Engineering**

**Unit 2 – Learning Aim B**

**Understanding the selection of specific materials for use in the components that make up an engineered product**

**Introduction**

*Introduce your product. Name it and give its main functions*

Components

*Brief description of the two components*

Insert picture of the component. Do label to explain features

Insert picture of the component. Do label to explain features

Material

*Investigate the materials used and fill the table below*

|  |  |  |  |
| --- | --- | --- | --- |
| *Component* | *Material* | *Property* | *Qualities* |
|  |  |  |  |
|  |  |  |  |

Environmental Impact

|  |  |  |  |
| --- | --- | --- | --- |
| *Component* | *Environmental impact* | *Extraction/Processing* | *Disposal* |
|  |  |  |  |
|  |  |  |  |

*Investigate the environmental impact of the materials*

Alternative Materials

*Investigate what alternative materials could be used and why*

|  |  |  |  |
| --- | --- | --- | --- |
| *Component* | *Alternative Material* | *Properties* | *Quality* |
|  |  |  |  |
|  |  |  |  |