**Selecting Materials**

Write definitions for each of the following Factors with regard to selecting materials

|  |  |
| --- | --- |
| Factor | Definition |
| Functionality |  |
| Availability |  |
| Aesthetics |  |
| Cost of materials |  |
| Environmental  |  |
| Social  |  |
| Ethical  |  |
| Cultural  |  |

You can use any source to find out the information

Your Blue Books

[www.technologystudent.com](http://www.technologystudent.com)

Google search

Etc.

Choose one of the products listed below and circle it

Tin opener Mallet Board Marker Drill Bit Carrier Bag

Kitchen Spoon Pair of Shoes Take Away Carton Ruler

Name a suitable (specific) material to make the chosen product from

………………………………………………………………………………………………………………………………………………

Explain below what factors you would need to consider when selecting a suitable material to make it from and explain each one fully

|  |  |
| --- | --- |
| Factor | Explanation |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Extension Task

You have been asked to design a jacket to be sold in India.

What are the Cultural Factors that you may need to consider when selecting materials for your design?

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