|  |  |
| --- | --- |
| **Different types of materials** | |
| **wood** | **paper** |
| **plastic** | **fabric** |
| **glass** | **clay** |
| **metal** | **foil** |
| **water** | **cardboard** |
| **rock** | **rubber** |
| **brick** | **wool** |

**Everyday materials – Year 1**

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| --- | --- | --- |
| **Key vocabulary to describe materials** | | |
| **material –** all objects are made from one or more materials. | | |
| **hard** | **soft** | |
| **Stretchy** | **stiff** | |
| **bendy** | **floppy** | |
| **waterproof** | **absorbent** | |
| **breaks** | **tears** | |
| **rough** | **smooth** | |
| **shiny** | **dull** | |
| **see through** | **not see through** | |
|  | |  |
|  | |  |
| **Significant scientists** | | |
| **Charles Macintosh**  *(1766-1843)* | Scottish chemist and Inventor of waterproof fabric.  The mackintosh raincoat is named after him. | |
| **Martin Brock – Nanotechnology engineer and XelfleX inventor**  Martin works with a team of scientists developing smart fabrics. They were first created for sports people to wear. | | |

**Sorting and grouping materials**





**This cloth is very absorbent and soaks up the most water.**



**This paper plate would be the best for a party because it is very stiff.**

|  |  |
| --- | --- |
| **Waterproof materials** | |
|  | **These materials do not let water pass through them.** |
|  |  |