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

**Everyday materials – Year 1**

|  |  |
| --- | --- |
| **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** |

**Spoons can be** 

**made of wood,**

**metal or plastic.**

|  |  |
| --- | --- |
| **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**

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**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.** |

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