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| **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** |

**Spoons can be** 

**made of wood,**

**metal or plastic.**

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| **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.**

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

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