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| **Key questions:** | | |
| * I can distinguish between an object and the material from which it is made * I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock * I can describe the simple physical properties of a variety of everyday materials * I can compare and group together a variety of everyday materials on the basis of their simple physical properties | | |
| **Key Information** | | |
| An object is different to the material from which it is made.  There is a range of everyday materials including wood, plastic, glass, metal, water and rock.    Everyday materials have different physical properties including hard/soft, stretchy/stiff, shiny/dull, rough/smooth, bendy/not bendy, waterproof/ not waterproof, absorbent/ not absorbent, opaque/ transparent.  Everyday materials can be grouped according to their physical properties e.g. glass, wood and metal are all hard. | | |
| **Did you know…?** | | |
| Image result for plastic legoA material is **any substance that has a name**. For example: chalk, paper, wood,  iron, air, water, clay, plastic, rubber, stone, leather, wax.  Image result for cartoon rain on umbrellaEverything is made up of materials. When we want to make something we need to choose the best material for the job.  The **property** of a material is something about it that we can measure, see or feel and helps us  decide whether or not it is the best material.  Image result for paper is made from wood**Materials exist in three states: a solid, a liquid or a gas**. Materials can sometimes be changed from one state to another, perhaps by heating them – for example, ice is a solid which becomes a liquid when it’s heated.  We can use many natural materials and by working with them change them into  man-made substances, for example paper is made from wood.  **Plastic** is made from oil – we now use about 20 times more plastic than we did 50 years ago.  The energy saved from recycling one plastic bottle can power a 100 watt light bulb for almost an hour. | | |
| **Key vocabulary** | | |
| * materials * properties * waterproof * absorbent * lightweight | * breaks/tears * water * ice * melts * frozen | * observe * evaporation * bigger * smaller |