Plymouth Science

Knowledge Organiser

| Materials Vocabulary | | Properties of materials. | |
|--|--|------------------------------|---------------------|
| Hard Not easy to break Soft Easy to fold, cut or change shape | Rough Has an uneven surface Smooth An even surface with no lumps or | Wood: | Metal: |
| Stretchy Can be made longer or wider | bumps Bendy | Hard, strong | Hard, strong, shiny |
| without breaking Brittle Hard, but may break easily Shiny | Can be bent easily Waterproof Keeps water out Absorbent | Plastic: | Water: |
| Reflects light easily Dull Not very shiny or bright Squashy | Easily soaks up liquid Transparent Easy to see through Opaque | Strong, shiny, bendy | Runny, wet, clear |
| Easily crushed or squeezed Plastic is a waterproof material | Cannot be seen through Wood is a strong material | Glass: | Rock: |
| umbrella water bottle | table bridge | Transparent, smooth, brittle | Hard, strong, rigid |
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