

Year 1 Term 3 2019-20

Moon Zoom

Science Knowledge Organiser – Everyday Materials



## Objects and Materials

Objects are things that you can touch or see. Objects are made from materials.

## Materials

|                                                                                            |                                                                                              |                                                                                            |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| wood<br>   | plastic<br> | glass<br> |
| metal<br> | water<br>   | rock<br>  |

## Glossary

|            |                                                               |
|------------|---------------------------------------------------------------|
| properties | A way to describe something                                   |
| material   | What an object is made out of                                 |
| liquid     | Can flow or be poured easily                                  |
| surface    | An outside part or layer of something                         |
| object     | Things that can be seen or touched                            |
| wood       | The material which forms the trunks and branches of trees     |
| plastic    | A material which is light in weight and does not break easily |
| rock       | What the Earth is made of                                     |

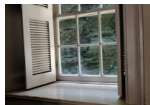
## Common properties of materials

|             |                                              |
|-------------|----------------------------------------------|
| hard        | Not easily broken                            |
| soft        | Easy to cut, fold or change shape            |
| stretchy    | Can be made longer or wider without breaking |
| stiff       | Doesn't change shape easily                  |
| shiny       | Bright and reflects light easily             |
| dull        | Not very bright or shiny                     |
| rough       | Has an uneven surface                        |
| smooth      | Has an even surface with no lumps or bumps   |
| bendy       | Can bend easily into a curved shape          |
| waterproof  | Keeps out water                              |
| absorbent   | Soaks up liquid easily                       |
| transparent | Easy to see through                          |
| opaque      | Not able to see through                      |
| bright      | Reflects light, shines                       |

## What words can be used to describe materials?

|            |           |             |
|------------|-----------|-------------|
| hard       | soft      | stretchy    |
| stiff      | shiny     | dull        |
| rough      | smooth    | bendy       |
| waterproof | absorbent | transparent |
| opaque     | bright    |             |

## Common materials and their properties

|                                                                                                                                                                                      |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| wood<br>       | Hard, strong, stiff        |
| plastic<br>  | Strong, shiny, bendy       |
| glass<br>  | Transparent, smooth, stiff |
| Metal<br>  | Hard, strong, shiny        |
| water<br>  | Runny, wet, clear          |
| rock<br>   | Hard, strong               |