



Working together to be the best that we can be

### Golden Thread: Technical Advancement

#### Key Knowledge

##### Materials:



plastic



wood



metal



brick



fabric



water



glass



paper



stone



plastic toys



wooden furniture



metal tools



drinking water



glass window



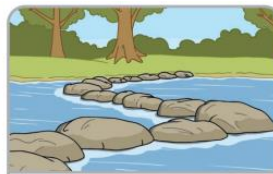
paper books



brick houses



fabric clothing



stepping stones

#

#### Key Vocabulary

|                 |                                                                                          |
|-----------------|------------------------------------------------------------------------------------------|
| <b>object</b>   | A thing that can be used. For example a door, chair, car, table are all <b>objects</b> . |
| <b>material</b> | <b>Materials</b> are what an <b>object</b> is made from.                                 |
| <b>hard</b>     | Not easily broken or bent.                                                               |
| <b>soft</b>     | If something is <b>soft</b> , it is easy to cut, fold or change the shape of.            |
| <b>stretchy</b> | Can be pulled to make it longer or wider without breaking.                               |
| <b>shiny</b>    | Reflects light easily.                                                                   |
| <b>dull</b>     | Doesn't reflect light. Doesn't look bright or <b>shiny</b> .                             |
| <b>rough</b>    | If something is <b>rough</b> , it feels and looks uneven or bumpy.                       |

#### Key Vocabulary

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| <b>smooth</b>         | <b>Smooth objects</b> have no lumps or bumps.                                             |
| <b>bendy</b>          | <b>Bendy</b> things can be <b>bent</b> easily into a curved or folded shape.              |
| <b>not bendy</b>      | If something is <b>not bendy</b> , it can't be bent easily into a curved or folded shape. |
| <b>waterproof</b>     | If something is <b>waterproof</b> , it keeps water out. It keeps things dry.              |
| <b>not waterproof</b> | <b>Not waterproof materials</b> let water in.                                             |
| <b>absorbent</b>      | If something is <b>absorbent</b> , it soaks liquid up.                                    |
| <b>not absorbent</b>  | If something is <b>not absorbent</b> , it does not soak up liquid.                        |
| <b>transparent</b>    | <b>Transparent objects</b> can be seen through.                                           |
| <b>opaque</b>         | <b>Opaque objects</b> can't be seen through.                                              |