

# Selby Community Primary School Subject Knowledge Bank

| DT                       |  | Year 2                  |  |
|--------------------------|--|-------------------------|--|
| Focus: Levers and hinges |  |                         |  |
| Age related vocabulary   |  |                         |  |
| <b>tools</b>             | An object that is used to help make or fix something.                | <b>finished product</b> | The final piece made.  |
| <b>sandpaper</b>         | Paper covered on one side with sand or some other rough material.    | <b>sewing</b>           | To make or repair with a needle and thread.  |
| <b>design</b>            | To make or draw plans for something.                                 | <b>lever</b>            | A bar which turns around a point/pivot.  |
| <b>split pin</b>         | A metal pin with two arms that pull apart to hold things into place. | <b>heat</b>             | To cause something to become warm or hot.  |
| <b>measure</b>           | To find the exact size, weight or amount of something.               | <b>farm</b>             | An area of land, along with buildings and equipment, used to grow crops or raise animals for food or clothing. |
| <b>assemble</b>          | To put something together.   | <b>axle</b>             | A bar on which a wheel or wheels turn.   |



## Key Knowledge

A slider is a knob that is moved left and right or up and down to control something, such as the volume, on a radio.

A lever is a bar resting on a pivot that is used to move a heavy load with one end.

A pivot is the central point that a lever rests on.

Applying a force to move something away is called a push. Applying a force to move something closer is called a pull.

A design is when you plan what something will look like and what it is made out of before you start making it. The design should be based on the design criteria (what does your model need to do?).

Once you have finished making a product, you think about how well it works and whether it matches the design criteria.