

# Year 5: Design Technology Knowledge Mat

## Subject Specific Vocabulary

Developing, planning and communicating ideas	Tools, equipment and processes
<b>Aesthetics</b> - Appreciation of an object's appearance and whether it is pleasing.	<b>Baking sheet</b> - Flat metal sheet for baking pizzas, rolls etc.
<b>Engineering</b> - Process of applying scientific principles to designing and making products and solving problems.	<b>Grater</b> - Device with rows of cutting edges for grating cheese, lemon peel or vegetables.
<b>Ingredient</b> - A component of a mixture, especially in food technology.	
<b>Mark out</b> - To follow measuring with the appropriate marking tool i.e. pencil or chinagraph pencil.	
<b>Market research</b> - Used to find out people's needs and tastes, often by questionnaire.	
<b>Product analysis</b> - A way of investigating and describing products in order to develop new designs.	

## Materials

**Hinge** - Movable joint.

**Rivet** - Fastener for joining sheet metals.

**Rust** - Corrosion which affects iron materials.

**Solder** - Alloy of lead and tin, used to join metals together.

## Outcome ideas

Food / structures

Dragon's Den invention – child led