



Crucial Learning

- Food groups are collections of foods that are similar.
- Grown means natural development by increasing in size and changing physically.
- Reared is to bring up and care for until fully grown.



Cooking and Nutrition

Evaluation

- Investigate is to carry out research.
- Strengths are tasks or actions done well.
- Weaknesses are a disadvantage or fault.

- Research is an investigation to establish facts and information.
- Innovative means to introduce new ideas, original and creative thinking.
- A prototype is a first version from which other forms are developed.
- A pattern piece is a template.
- Annotated sketches combine text and sketches to illustrate ideas.
- Cross sectional drawings show what the inside of something looks like.

- Accurately means in a way that is correct and exact.
- Finishing techniques are used to help achieve a high quality finish.
- Strengthen is to make stronger.

Design

Making

- Levers are rigid bars resting on a pivot.
- A pivot is the central point on which a mechanism turns or oscillates.
- Linkages are a collection of parts joined together to change or help movement.
- Electrical circuits provide a path that carries electricity.

- Healthy food is food that gives you all the nutrients you need to stay healthy, feel well and have plenty of energy.
- Unhealthy foods are food that are high in fat, sugar and calories.
- Prepare is to make something.
- Cooking is preparing by mixing, combining and heating ingredients.
- Food comes from a variety of places.

Areas of DT

Y4

Cooking and Nutrition

- To measure is to work out the size or amount needed.
- To assemble is to fit together the separate parts.
- Stiffen is to make rigid.

Design

Making

Evaluation

- Design criteria are the precise goals that a project must achieve in order to be successful.
- A diagram is a simple drawing showing the appearance, structure or workings of

- Likes and dislikes are opinions that can support design.

- A pneumatic system is the use of pressurised air for mechanical motion.
- Textiles are a type of cloth or woven fabric.
- A gear is a rotating part in a machine and it has teeth cut around the edge.

Areas of DT

Y3



Crucial Learning

- Adapt is to make something suitable for a (new) purpose.
- Ratio is the relationship between two amounts.
- Imperial scale is a system of measurement now mostly superseded by the metric system.
- Healthy diet is a diet that maintains or improves overall health.

- Sustainable means to fulfil the needs of current generations without compromising the needs of future generations.

Cooking and Nutrition

Evaluation

- Research takes many forms.
- Design decisions must take account of constraints including time, resources and cost.
- Computer aided design is the use of computers to aid in the creation, modification, analysis or optimisation of a design.

- Explaining is to give a reason and to justify.
- Functional is designed to be practical and useful.
- Aesthetic is used to talk about beauty or art.
- Reinforce is to strengthen and support with additional material.

Design

Making

- Electrical circuits provide a path that carries an electrical current. These are used for a specific purpose.
- Programs are designed, written and debugged to accomplish specific goals.

- Maintain is to enable to continue.
- Healthy diet is a diet that maintains or improves overall health.
- A recipe is a set of instructions for preparing a particular dish.
- Accurately is in a way that is correct in all details.
- Metric scale is a system of measurement used.
- Seasonality of food refers to the times of year when a food is at its peak (harvest or flavour).

Areas of DT

Y6

Cooking and Nutrition

- A survey is a research method used for collecting data.
- Preference means a greater liking for one over others.
- Design specification is a detailed document that sets out exactly what a product or a process should present.
- Exploded diagrams show how a product can be assembled and how the separate parts fit together.

- Analyse is to examine in detail.
- Evaluate is to judge something's quality.
- Improve is to make or become better.

Design

Making

Evaluation

- A pulley is a simple and manoeuvrable way to move large objects.
- A mechanical system is a device that changes movement in some way.
- Electrical circuits provide a path that carries an electrical current.
- A cam is a rotating or sliding piece in a mechanical linkage used especially in transforming rotary motion into linear motion.

- A method is a procedure for approaching something.
- Finishing techniques are used to help achieve a high quality finish.
- Reinforce is to strengthen and support with additional material.

Areas of DT

Y5