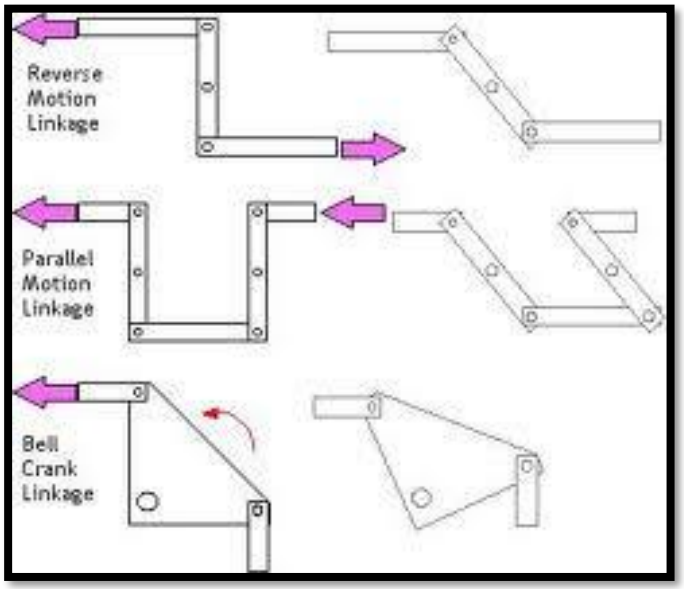
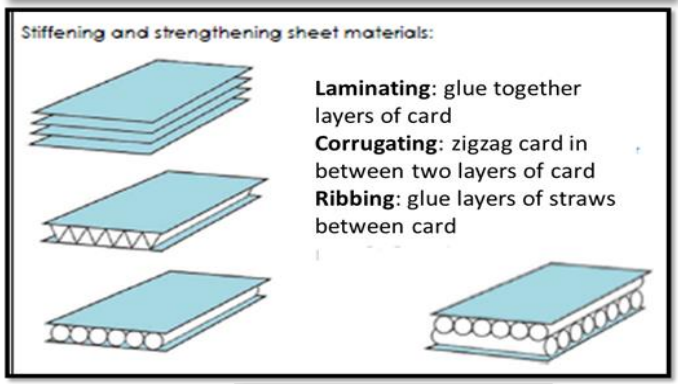
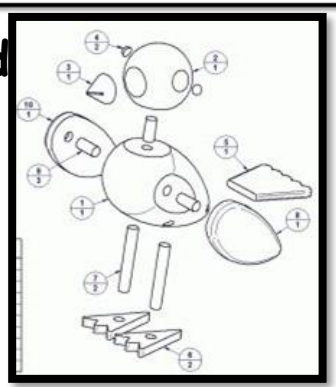
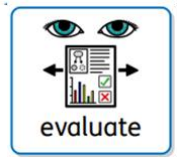
Year 6 DT – Shadow Puppets

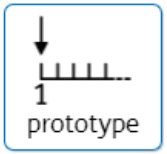




Exploded Diagram







Tier 2 Vocabulary

Specification	A list that describes what a product needs to do
Evaluation	To judge if a product meets chosen criteria
Design	A plan or drawing of your ideas
Innovative	Having a new idea

Topic (Tier 3) Vocabulary

CAD	Computer Aided Design
Linkage	A series of parts that are connected and can move
Prototype	A quick 3-D model used to check a design
Product	Something that is made

National Treasures

Childhood Puppets

Prior learning

How to strengthen materials

Working to design criteria

How shadows are made from work in science lessons

Rights of the Child/Global Goals

Article 13
Every child must be free to express their thoughts and opinions and to access all kinds of information, as long as it is within the law.

Global Goal 9
Industry, innovation and infrastructure

DT Big Ideas

We Are Engineers

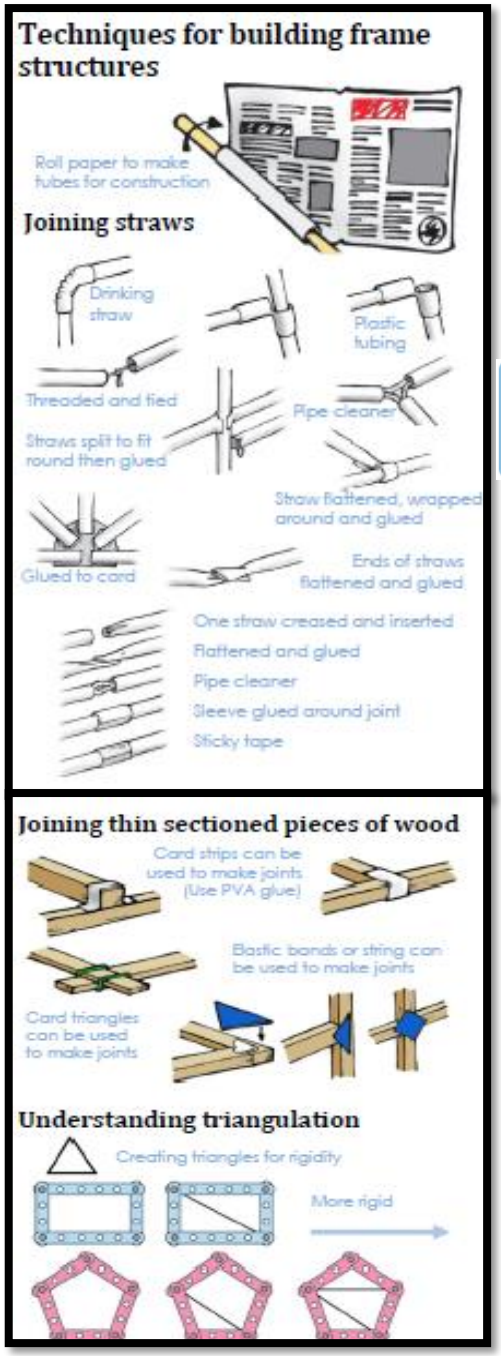
Design: we use criteria to design products that do a job for a person or group.

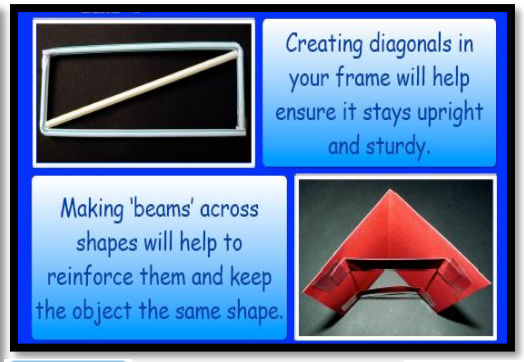
Make: we make products that do a job or solve a problem.

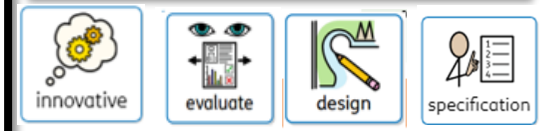
Evaluate: we continually reflect on our work and that of others and we look for ways to improve it.

Technical Knowledge: we apply our understanding to make products that work.

Year 6 DT – Fairground

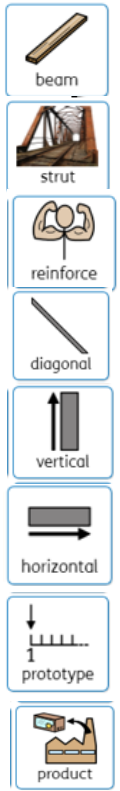






Tier 2 Vocabulary

Innovative	Having a new idea
Evaluation	To judge if a product meets chosen criteria
Design	A plan or drawing of your ideas
Specification	A list that describes what a product needs to do



Topic (Tier 3) Vocabulary

Beams	A long, strong piece of wood or metal used to support
Struts	A rod that is part of a frame work
Reinforce	Make stronger
Diagonal	A straight line that goes from one corner to another inside a shape
Vertical	A line that is parallel to the ground
Horizontal	A line that is at right angles to the ground
Prototype	A quick 3-D model used to check a design
Product	Something that is made

National Treasures

British Fairground

Prior learning

Electrical circuits
Mechanisms
Attaching and strengthening materials

Rights of the Child/Global Goals

Article 13
Every child must be free to express their thoughts and opinions and to access all kinds of information, as long as it is within the law.

Global Goal 9
Industry, innovation and infrastructure

DT Big Ideas

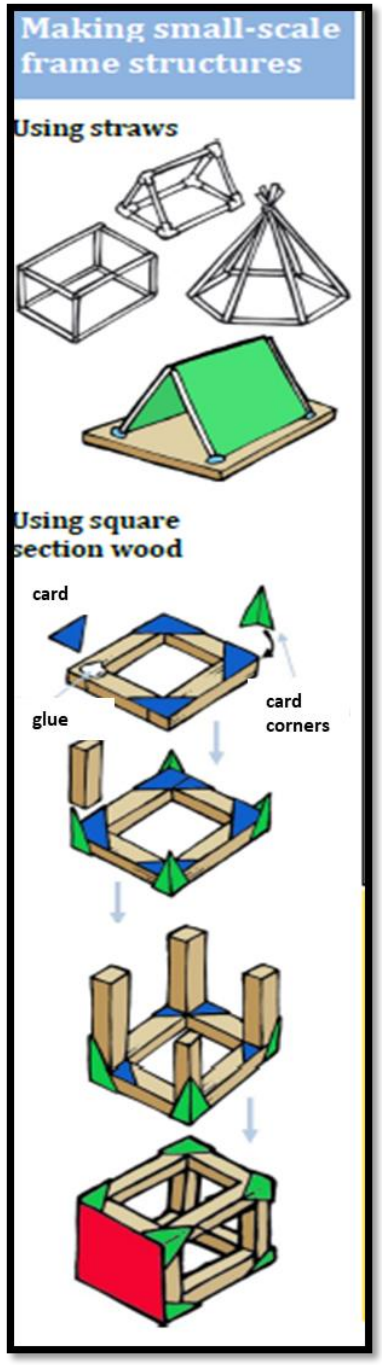
We Are Engineers

Design: we use criteria to design products that do a job for a person or group.

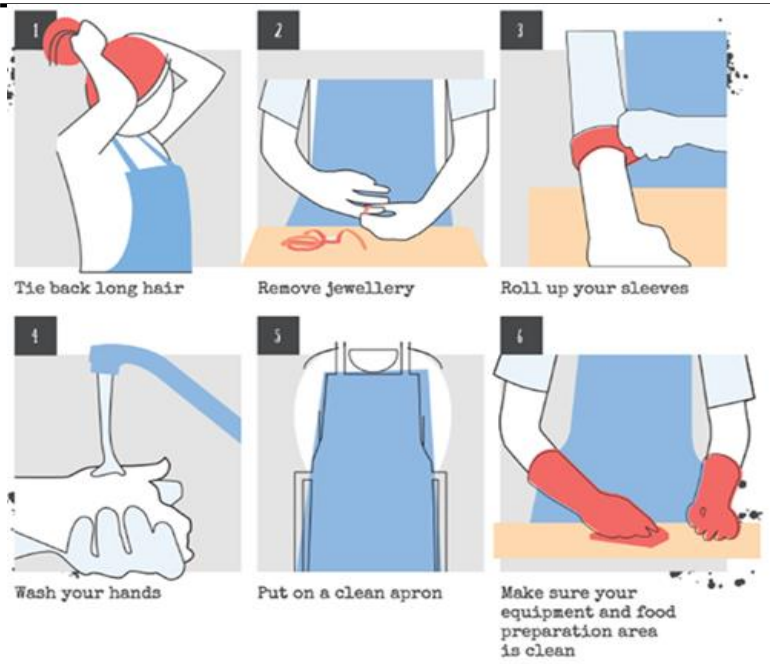
Make: we make products that do a job or solve a problem.

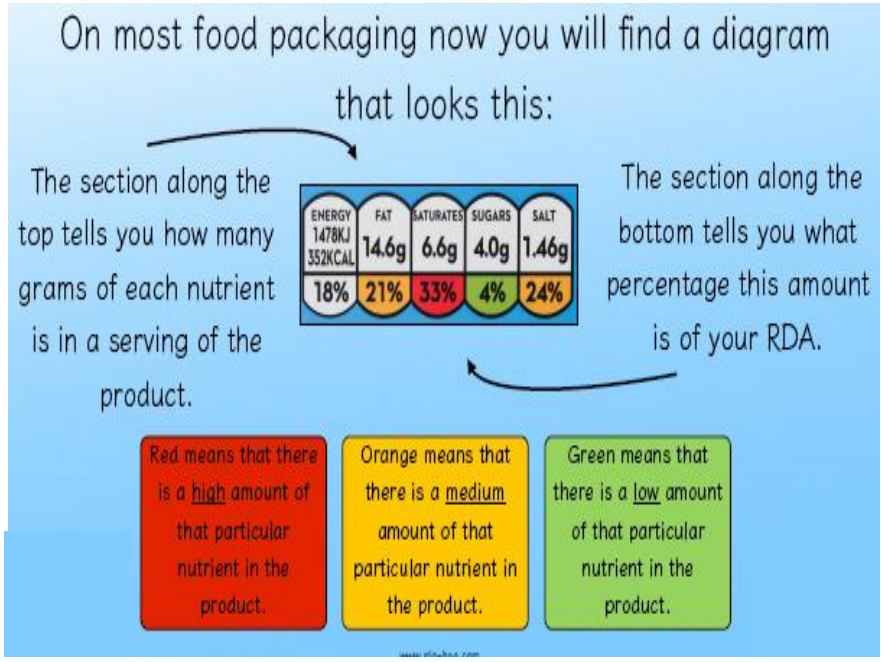
Evaluate: we continually reflect on our work and that of others and we look for ways to improve it.

Technical Knowledge: we apply our understanding to make products that work.



Year 6 DT – Great British Dishes

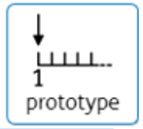




Tier 2 Vocabulary

Design	A plan or drawing of your ideas
Innovative	A new idea
Specification	A list that describes what a product needs to do
Evaluation	To judge if a product meets chosen criteria

Topic (Tier 3) Vocabulary



Prototype	A quick 3-D model used to check a design
Product	Something that is made
Savoury	food that is salty or spicy rather than sweet
Use by date	date by which the food should be eaten
Sell by date	date by which the food should be sold

National Treasures

Rights of the Child/Global Goals

Article 24
Every child has the right to the best possible health. Governments must provide good quality health care, clean water, nutritious food, and a clean environment and education on health and well-being so that children can stay healthy.

Global Goal 3
Good health and wellbeing

Prior learning

Seasonality
Healthy choices

DT Big Ideas

We Are Engineers

Design: we use criteria to design products that do a job for a person or group.

Make: we make products that do a job or solve a problem.

Evaluate: we continually reflect on our work and that of others and we look for ways to improve it.

Technical Knowledge: we apply our understanding to make products that work.

Cooking and Nutrition: we use what we know about food to safely prepare healthy meals.

	Fruit								
	apple	pear	blackberry	blackcurrant	cherry	plum	rhubarb	strawberry	raspberry
January	✓	✓					✓		
February	✓						✓		
March							✓		
April							✓		
May							✓		
June				✓			✓	✓	
July				✓	✓			✓	✓
August			✓					✓	✓
September	✓	✓	✓			✓		✓	✓
October	✓	✓	✓			✓			
November	✓	✓							
December	✓	✓