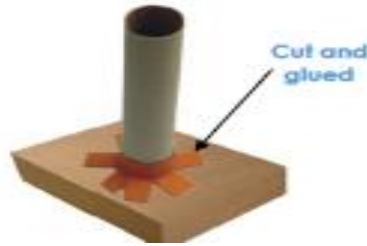
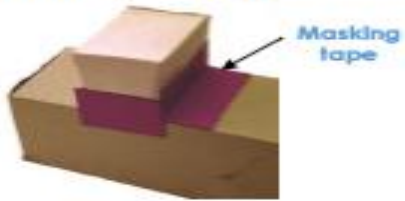
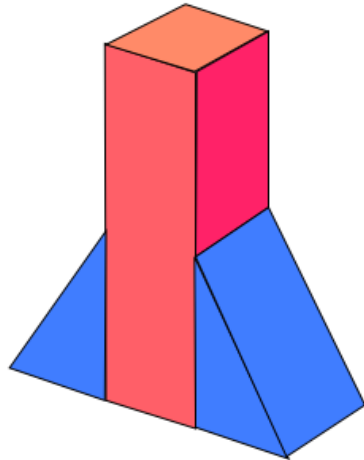
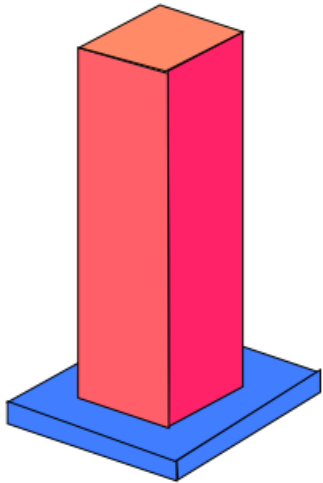


You can join boxes using tape, glue and tabs.



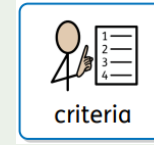
Wide bases make structures stronger.



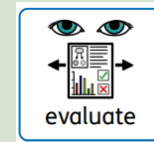
Tier 2 Vocabulary



A plan or drawing of your ideas before you make your product

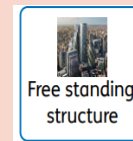


A list that shows you what the thing you make should do



Look at and test your product. Does it do its job?

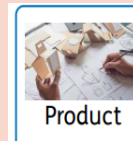
Topic (Tier 3) Vocabulary



A structure that stands on its own without help



How likely it is to fall over?



The thing you are making

National Treasures

Famous British buildings



Prior learning

Names and properties of materials in science lessons on Everyday 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



Engineers
design



Engineers
make



Engineers
evaluate



Engineers make
products that
work



Aprons must be worn to protect clothes and to stop the spread of bacteria.

Equipment must be kept clean and tidy. No spoon or knife licking!



Surfaces must be kept clean and tidy.

Hands must be washed before handling food and kept clean.

Long hair must be tied back.



Cuts and grazes must be covered up with a plaster or dressing.

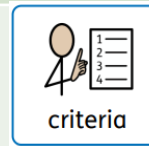
Do not cough or sneeze over food preparation areas.



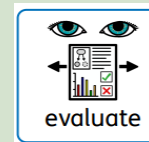
Tier 2 Vocabulary



A plan or drawing of your ideas before you make your product

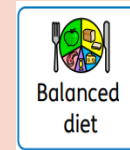


A list that shows you what the thing you make should do

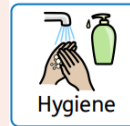


Look at and test your product. Does it do its job?

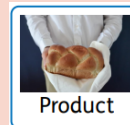
Topic (Tier 3) Vocabulary



Eating lots of different types of healthy food



Keeping things clean



The thing you are making

National Treasures

British fruit and veg



Prior learning

Names of some fruit and vegetables.

Rights of the Child/Global Goals

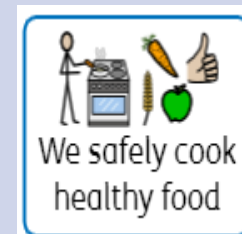
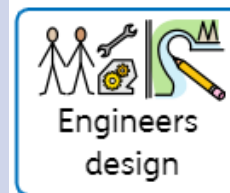
Article 24

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.

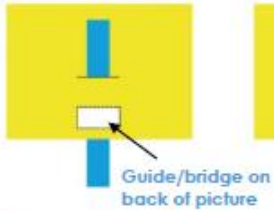
Global Goal 3

Good health and wellbeing

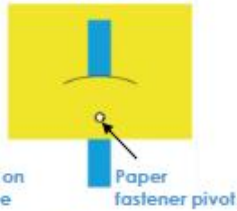
DT Big Ideas



KS1 - Simple slider



KS1 - Simple lever



Simple mechanisms move...



in a straight line



in a straight line,
backwards and
forwards



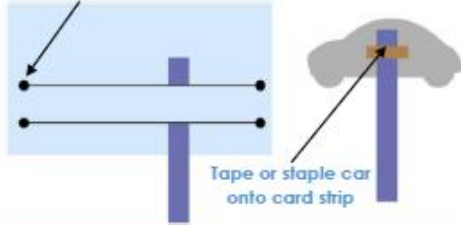
round and
round



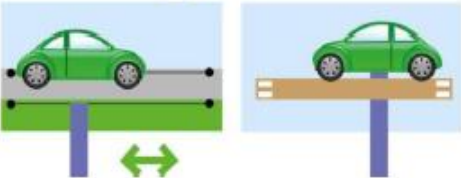
in a curve

Sliders move from side to side and up and down

Use a single hole punch to make a hole then cut a slot



Tape or staple card onto card strip



Sticky fixers on back of card

A card strip could be used instead of cutting slots to allow movement



Masking tape

Rabbit moves up and down

Levers can be used with or without a slot



Paper fastener

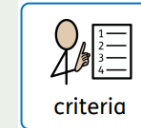
A card strip is used as a lever. The fish and boat are glued to the lever which is used as a handle.

Tier 2 Vocabulary



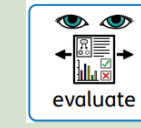
design

A plan or drawing of your ideas before you make your product



criteria

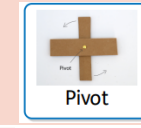
A list that shows you what the thing you make should do



evaluate

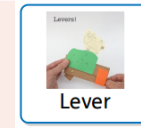
Look at and test your product. Does it do its job?

Topic (Tier 3) Vocabulary



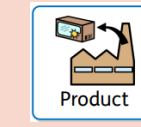
Pivot

A pin something turns around



Lever

A bar used to move or lift



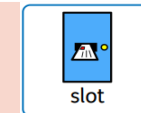
Product

The thing you are making



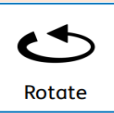
Guide

A short strip of card used to keep a lever in place



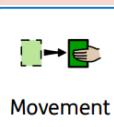
slot

The hole that a lever goes through



Rotate

Turn around



Movement

Moving



Slider

Part that slides

National Treasures

British toy shops



Prior learning

How to strengthen materials.
(KS1)

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

