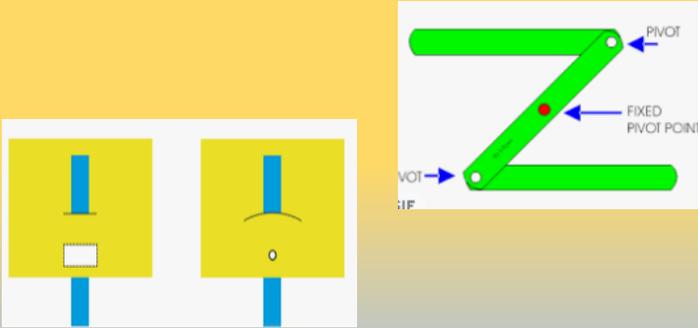
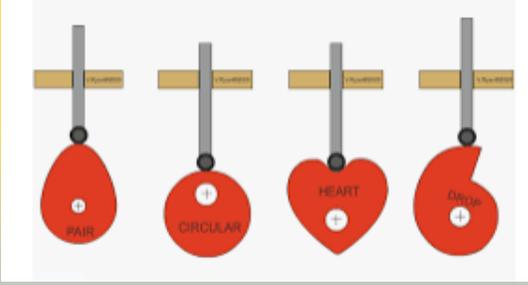
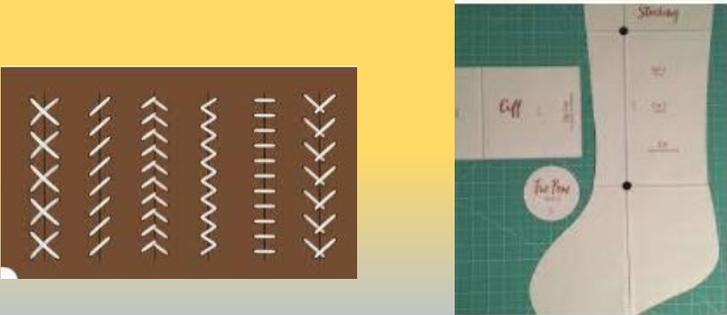
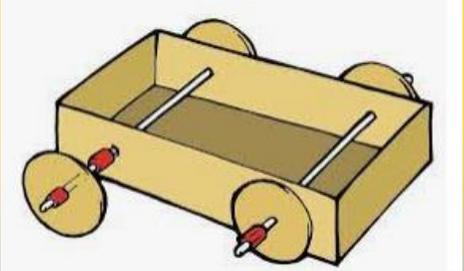
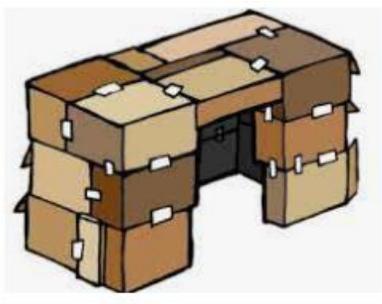
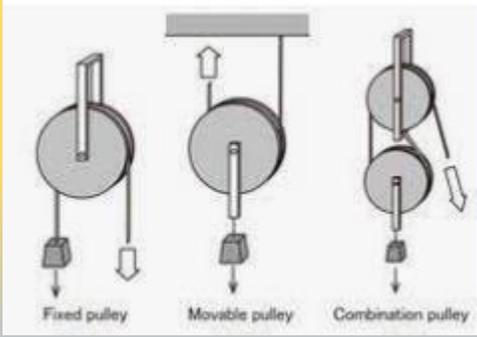
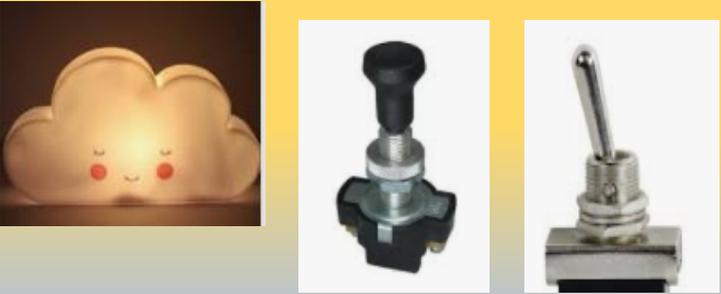
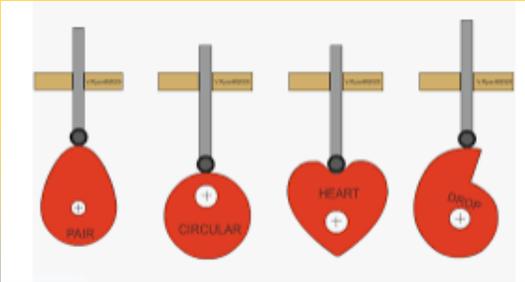
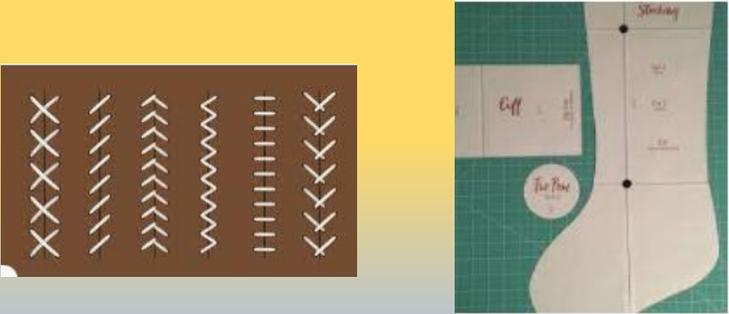


| DT CYCLE A | AUTUMN | SPRING | SUMMER |
|---------------|---|---|--|
| Ks1 | <p>Mechanisms – Sliders and levers</p>  | <p>Food – Preparing fruit and vegetables</p>  | |
| Ks2 | <p>Mechanical systems – Levers and linkages</p>  | <p>Food – Cooking sweet food</p>  | <p>Structures – Frame structures</p>  |
| Y6 | <p>Electrical systems – Monitoring and control</p>  | <p>Mechanical systems – Cams</p>  | <p>Textiles – Combining different fabric shapes</p>  |

| <u>DT</u> <u>CYCLE B</u> | <u>AUTUMN</u> | <u>SPRING</u> | <u>SUMMER</u> |
|---|--|---|---|
| <u>Ks1</u> | <u>Mechanisms – Wheels and axels</u>  | <u>Structures – Freestanding structures</u>  | |
| <u>Ks2</u> | <u>Mechanical systems – Pulleys and gears</u>  | <u>Textiles – 2D shape to 3D product</u>  | <u>Structures – Shell structures</u>  |
| <u>Y6</u> | <u>Electrical systems – Monitoring and control</u>  | <u>Mechanical systems – Cams</u>  | <u>Textiles – Combining different fabric shapes</u>  |

DT

CYCLE C

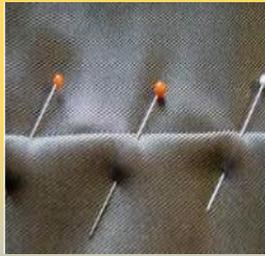
AUTUMN

SPRING

SUMMER

Ks1

Textiles – Templates and joining techniques

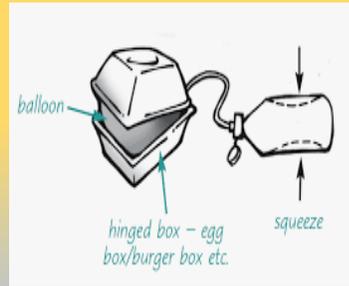


Food – Healthy and varied diet



Ks2

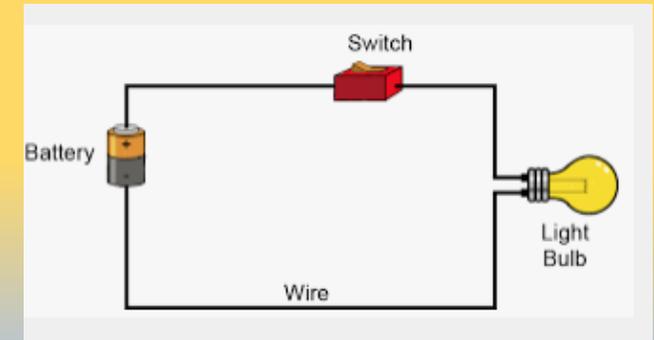
Mechanical systems – Pneumatics



Food – Cooking savoury food

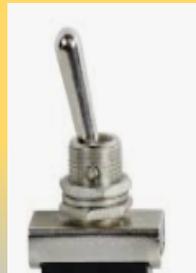
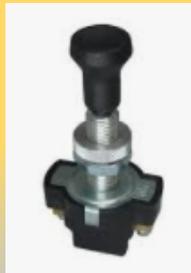


Electrical systems – Simple circuits and switches

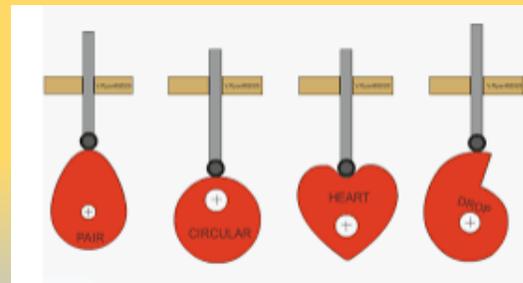


Y6

Electrical systems – Monitoring and control



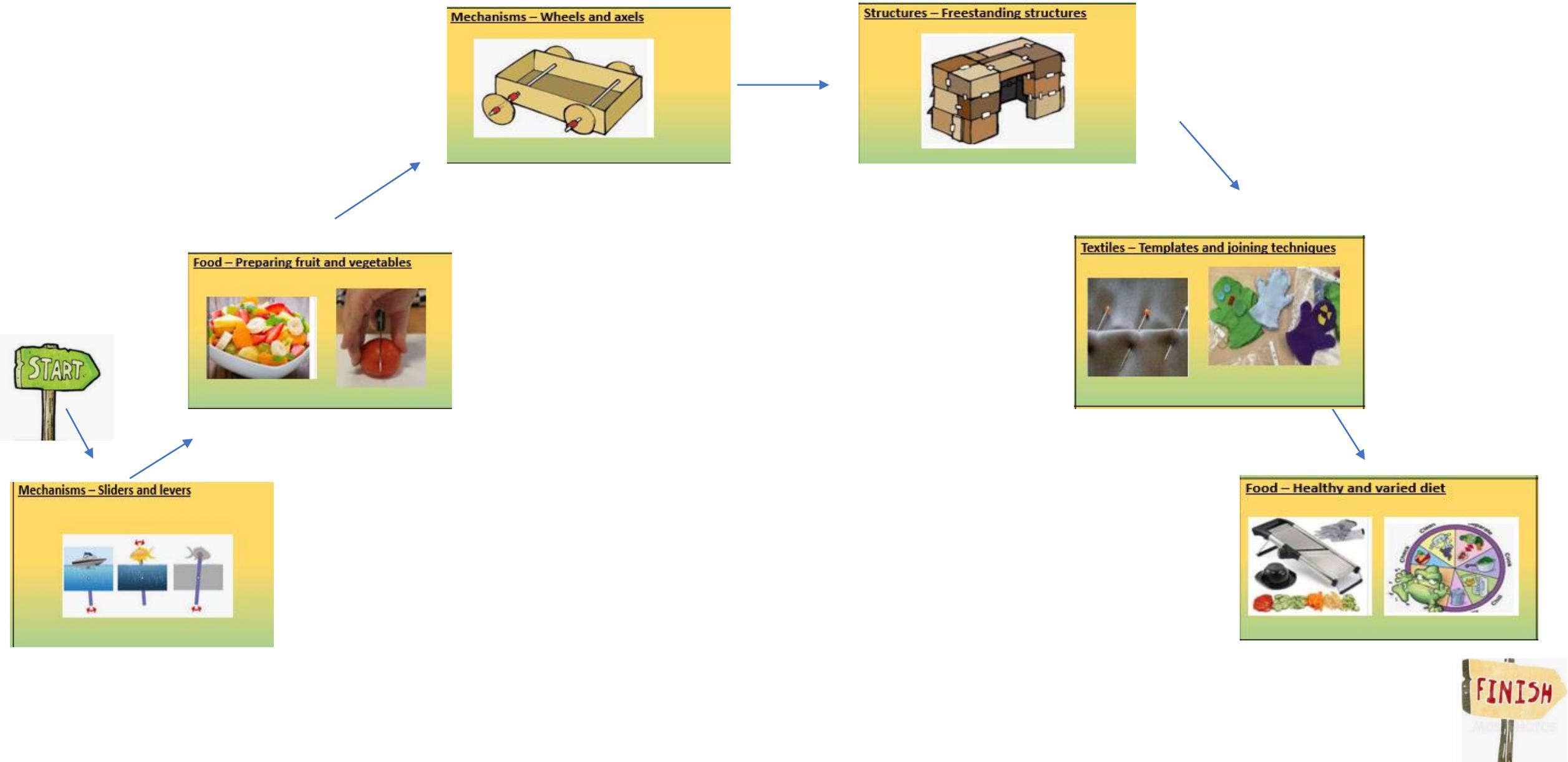
Mechanical systems – Cams



Textiles – Combining different fabric shapes



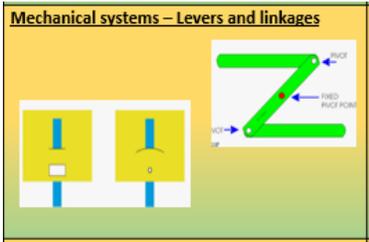
The journey of a Ks1 child.



The journey of a Ks2 child.



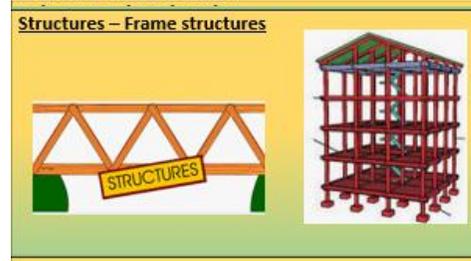
Mechanical systems – Levers and linkages

Diagrams illustrating mechanical systems. On the left, two simple levers are shown. On the right, a green Z-shaped linkage is shown with labels for "FIXED PIVOT POINT" and "Pivot".

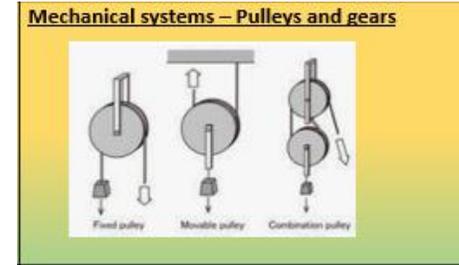
Food – Cooking sweet food

A slide about food. It features a "Balanced diet" pie chart with segments for 10%, 25%, 25%, and 40%. Next to it is a photograph of a slice of chocolate cake.

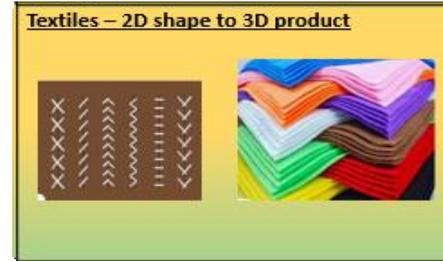
Structures – Frame structures

A slide about structures. It shows a truss structure with a sign that says "STRUCTURES" and a 3D wireframe model of a building.

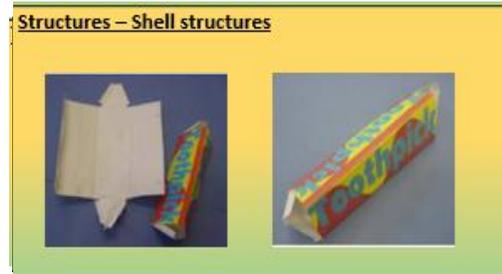
Mechanical systems – Pulleys and gears

A slide about mechanical systems. It shows three types of pulleys: "Fixed pulley", "Movable pulley", and "Combination pulley".

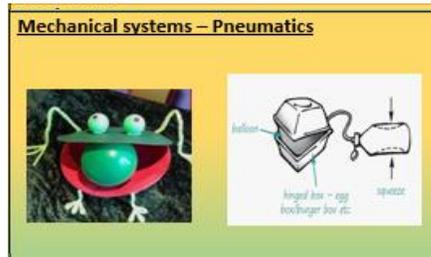
Textiles – 2D shape to 3D product

A slide about textiles. It shows a 2D pattern of fabric with various shapes and a stack of colorful folded fabric.

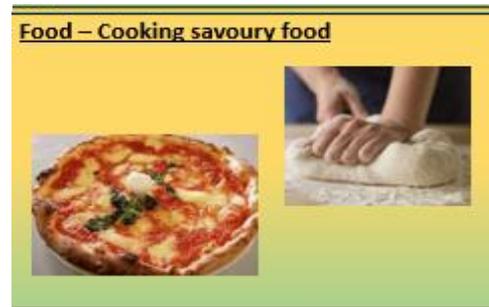
Structures – Shell structures

A slide about structures. It shows a paper airplane and a cardboard box, illustrating shell structures.

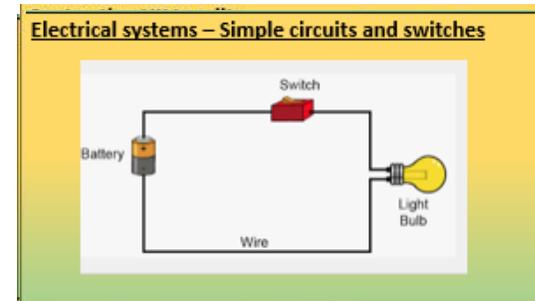
Mechanical systems – Pneumatics

A slide about mechanical systems. It features a colorful frog-like character and a diagram of a pneumatic system with labels for "Inflator", "Inflated box - egg box/burger box etc.", and "Siphon".

Food – Cooking savoury food

A slide about food. It shows a pizza and a person's hands kneading dough.

Electrical systems – Simple circuits and switches

A slide about electrical systems. It shows a simple circuit diagram with a "Battery", "Wire", "Switch", and "Light Bulb".

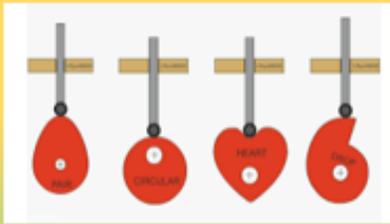
The journey of a Year 6 child.



Electrical systems – Monitoring and control



Mechanical systems – Cams



Textiles – Combining different fabric shapes

