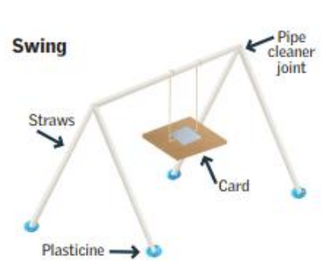
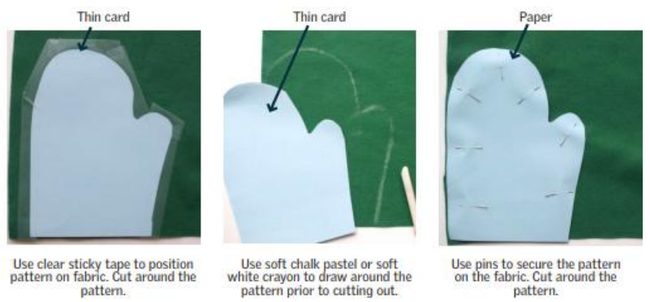
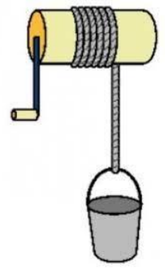
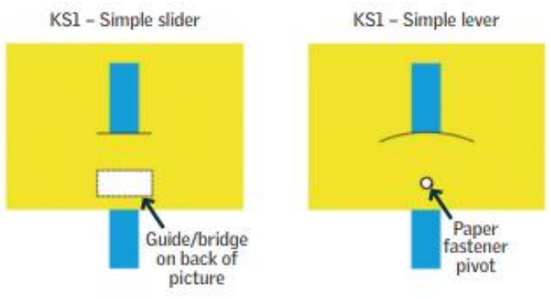
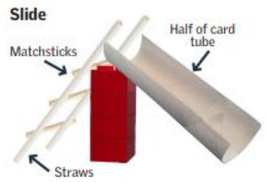
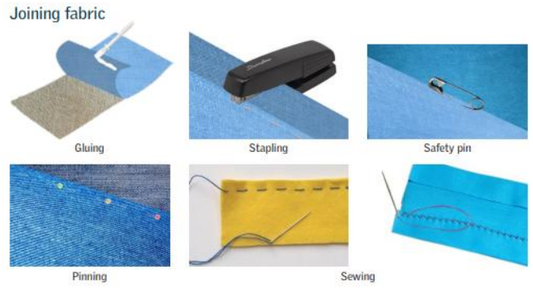
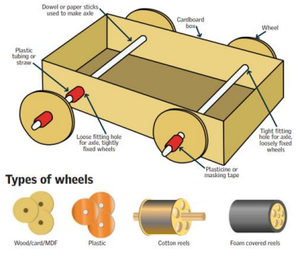
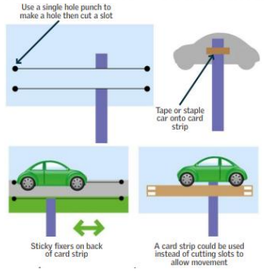
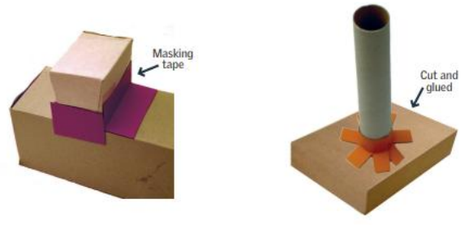
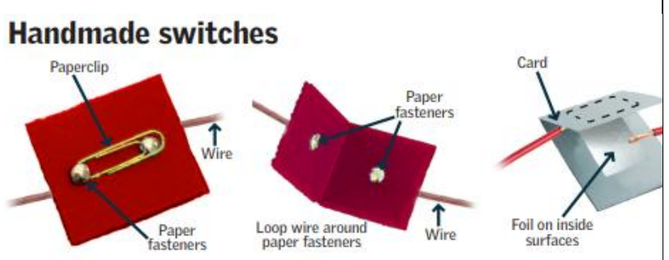
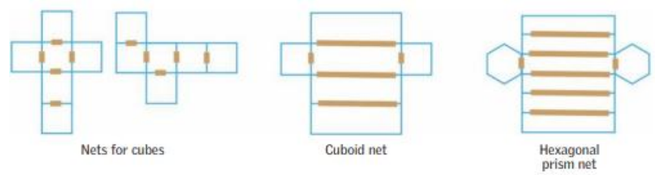
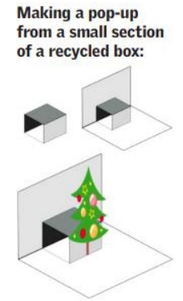
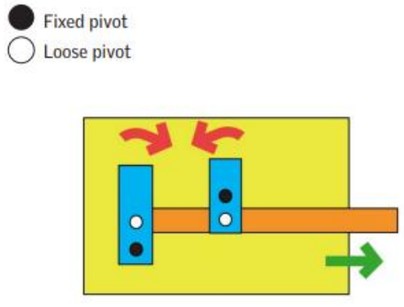
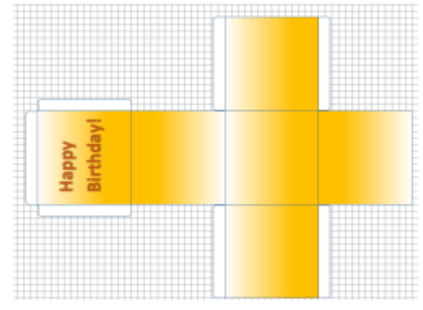
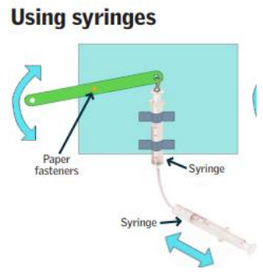
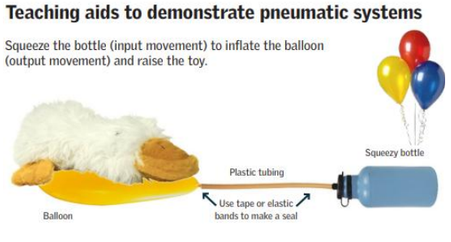
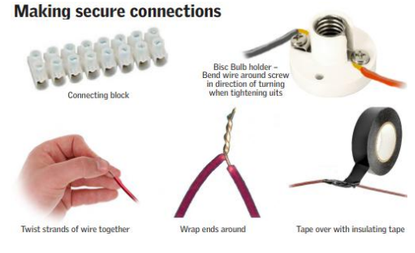
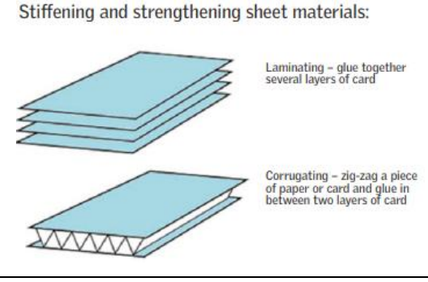
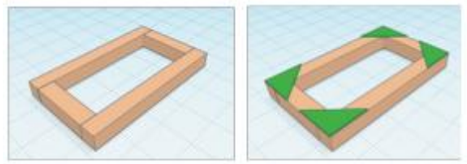
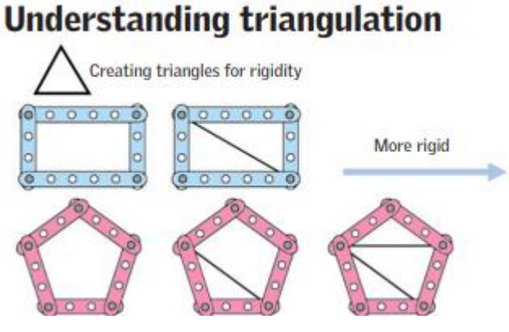
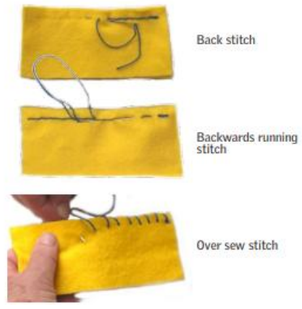
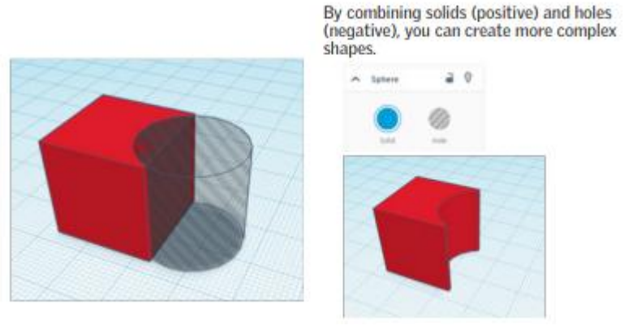
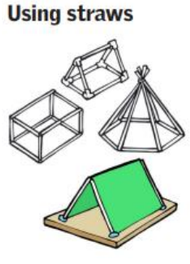
Curriculum
Design and Technology Long Term Scheme of Work

Phase 2 - Core and Extended	2023/24	2024/25	2025/26
Autumn	**Free Standing Structures** 	**Textiles** 	**Mechanisms – Wheels and Axels**  
Spring	**Mechanisms – Slides and Levers** 	**Free Standing Structures** 	**Textiles** 
Summer	**Mechanisms – Wheels and Axels** 	**Mechanisms – Slides and Levers** 	**Free Standing Structures** 

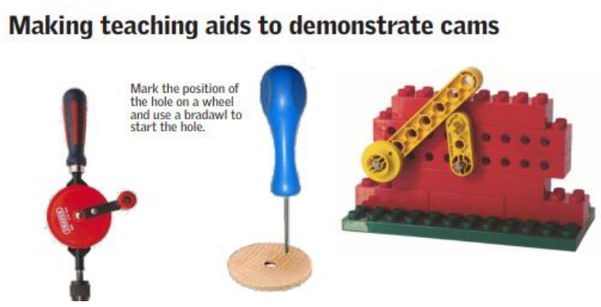
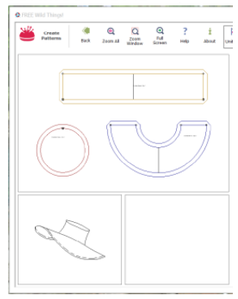
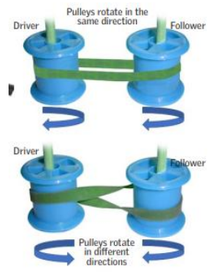
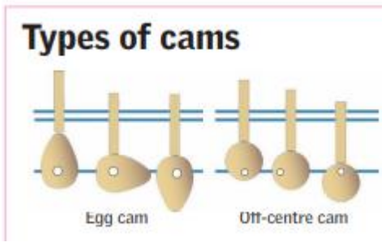
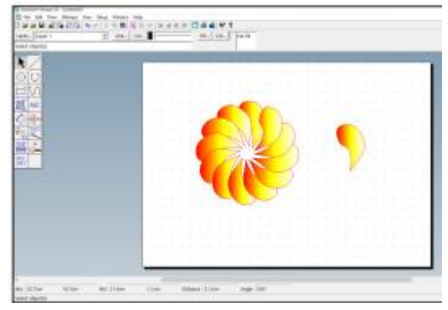
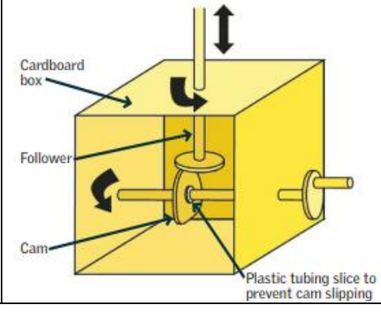
Curriculum
Design and Technology Long Term Scheme of Work

Phase 3 - Core and Extended	2023/24	2024/25	2025/26
Autumn	**Electrical – Simple Circuits and Switches** 	**Shell Structures** 	**Mechanisms – Levers and Linkages** 
Spring	**Mechanisms – Levers and Linkages** 	**Shell Structures - CAD** 	**Mechanisms - Pneumatics** 
Summer	**Mechanisms – Pneumatics** 	**Electrical – Simple Circuits and Switches** 	**Shell Structures** 

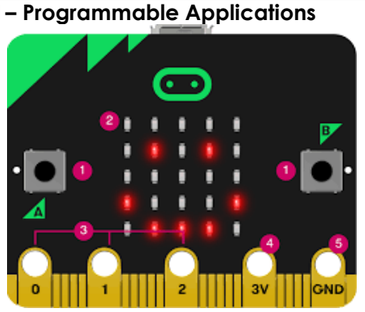
Curriculum
Design and Technology Long Term Scheme of Work

Phase 4 - Core and Extended	2023/24	2024/25	2025/26
Autumn	**Electrical – Simple Programming and Control** 	**Frame Structures - CAD** 	**Frame Structures** 
Spring	**Textiles - 2D Shape to 3D Product** 	**Electrical – Simple Programming and Control** 	**Frame Structures - CAD** 
Summer	**Frame Structures** 	**Textiles - 2D Shape to 3D Product** 	**Electrical – Simple Programming and Control** 

Curriculum
Design and Technology Long Term Scheme of Work

Phase 5 - Core and Extended	2023/24	2024/25	2025/26
Autumn	**Mechanisms – Cams** 	**Textiles – CAD** 	**Textiles – Combining Different Fabric Shapes** 
Spring	**Mechanisms – Pulleys or Gears** 	**Mechanisms – Cams** 	**Textiles – CAD** 
Summer	**Textiles – Combining Different Fabric Shapes** 	**Mechanisms – Pulleys or Gears** 	**Mechanisms – Cams** 

Curriculum
Design and Technology Long Term Scheme of Work

Phase 5AC - Core and Extended	2023/24	2024/25	2025/26
Autumn	**Digital World – Programmable Applications** 	**Digital World – Programmable Applications** 	**Digital World – Programmable Applications** 
Spring	**Textiles** 	**Textiles** 	**Textiles** 
Summer	**Technical Knowledge – Programmable Applications** 	**Technical Knowledge – Programmable Applications** 	**Technical Knowledge – Programmable Applications**