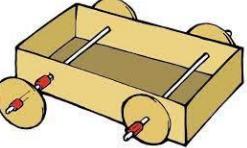
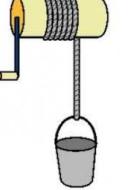


**Curriculum**  
**Design and Technology Long Term Scheme of Work**

<b>Phase 2</b>	<b>Core and Extended</b>	<b>2023/24</b>	<b>2024/25</b>	<b>2025/26</b>
<b>Autumn</b>	Designing: Develop understanding of context, user and purpose. Develop and model ideas.	<b>Structures</b> Playgrounds 	<b>Structures</b> Houses 	<b>Structures</b> Castles 
<b>Spring</b>	Making: Plan by suggesting next steps. Develop practical skills by following hygiene and safety procedures. Select from a range of tools and materials.	<b>Textiles</b> Puppets 	<b>Food</b> Fruit and Vegetables – Soups 	<b>Textiles</b> Textile trees 
<b>Summer</b>	Evaluating: Discuss and make judgements.	<b>Food</b> Fruit and Vegetables - Fruit Salads 	<b>Textiles</b> Pouches 	<b>Food</b> Fruit and Vegetables – Smoothies 

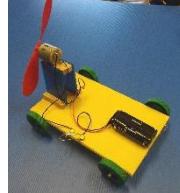
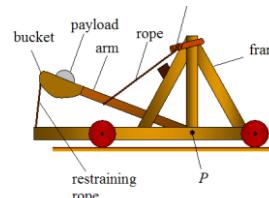
**Curriculum**  
**Design and Technology Long Term Scheme of Work**

<b>Phase 3</b>	<b>Core and extended</b>	<b>2023/24</b>	<b>2024/25</b>	<b>2025/26</b>
<b>Autumn</b>	Designing: Develop understanding of context, user and purpose. Develop and model ideas.	<b>Structures</b> Bridges 	<b>Structures</b> Towers 	<b>Structures</b> Stadiums 
<b>Spring</b>	Making: Plan by suggesting next steps. Develop practical skills by following hygiene and safety procedures. Select from a range of tools and materials.	<b>Mechanisms</b> Axels and wheels – cars 	<b>Mechanisms</b> Axels and wheels – windmills 	<b>Mechanisms</b> Axels and wheels – windlass 

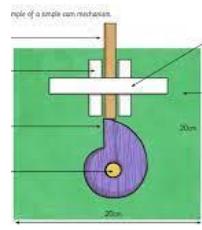
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<b>Summer</b>	Evaluating: Discuss and make judgements.	<b>Food</b> Wraps 	<b>Food</b> Pasta salad 	<b>Food</b> Dips 
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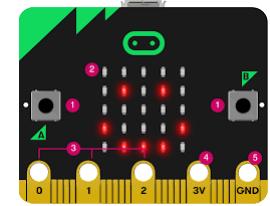
**Curriculum**  
**Design and Technology Long Term Scheme of Work**

Phase 4	Core and extended	2023/24	2024/25	2025/26
<b>Autumn</b>	Designing: Develop understanding of context, user and purpose. Develop and model ideas.	<b>Electrical Systems</b> Torches 	<b>Electrical Systems</b> Beat the buzzer 	<b>Electrical Systems</b> Motorised vehicles 
<b>Spring</b>	Making: Plan by suggesting next steps. Develop practical skills by following hygiene and safety procedures. Select from a range of tools and materials.	<b>Mechanisms</b> Catapults 	<b>Mechanisms</b> Pneumatic toys 	<b>Mechanisms</b> Slingshots 
<b>Summer</b>	Evaluating: Discuss and make judgements.	<b>Food</b> Cereal bars 	<b>Food</b> Potato salad 	<b>Food</b> Noodles 

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<b>Phase 5</b>	<b>Core and extended</b>	<b>2023/24</b>	<b>2024/25</b>	<b>2025/26</b>
<b>Autumn</b>	Designing: Develop understanding of context, user and purpose. Develop and model ideas.	<b>Structures</b> Shell structures / Nets - Food packaging 	<b>Structures</b> Frame structures - Shelters 	<b>Structures</b> Shell structures / Nets - Food packaging 
<b>Spring</b>	Making: Plan by suggesting next steps. Develop practical skills by following hygiene and safety procedures. Select from a range of tools and materials.	<b>Mechanisms</b> Grabbers 	<b>Mechanisms</b> Cam cards 	<b>Mechanisms</b> Fairgrounds 
<b>Summer</b>	Evaluating: Discuss and make judgements.	<b>Digital World</b> CAD - Toys 	<b>Digital World</b> CAD – Cookie cutters 	<b>Digital World</b> CAD – Desk organiser 

**Curriculum**  
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Phase 6	Core and extended	2023/24	2024/25	2025/26
<b>Autumn</b>	Designing: Develop understanding of context, user and purpose. Develop and model ideas.	<b>Digital World</b> Programmable applications 	<b>Digital World</b> Programmable applications 	<b>Digital World</b> Programmable applications 
<b>Spring</b>	Making: Plan by suggesting next steps. Develop practical skills by following hygiene and safety procedures. Select from a range of tools and materials.	<b>Textiles</b> Tote bags 	<b>Textiles</b> Lanyards 	<b>Textiles</b> Wash bags 
<b>Summer</b>	Evaluating: Discuss and make judgements.	<b>Technical Knowledge</b> Programmable applications 	<b>Technical Knowledge</b> Programmable applications 	<b>Technical Knowledge</b> Programmable applications 



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