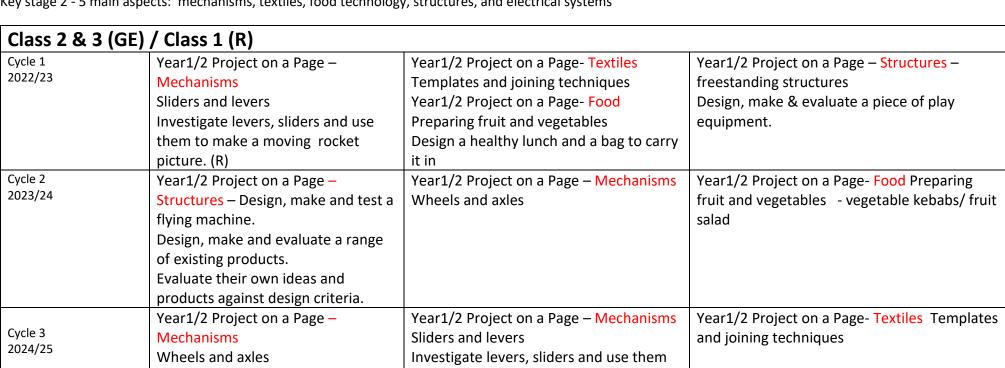
Design and Technology – Long Term Plans

Keys Stage 1 - 4 main aspects: mechanisms, textiles, food technology, structures.

Key stage 2 - 5 main aspects: mechanisms, textiles, food technology, structures, and electrical systems



to make a moving animal poster about

survival. . (R)

Puppets

If possible try and include some FOOD through your PSHE/Science units in cycle 3





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	Class 4 (GE) (Electricity covered in class5)		
Cycle 1 2022/23	Year3/4 Project on a Page – Mechanisms Linkages and levers	Year3/4 Project on a Page - Food - healthy and varied diet	Year3/4 Project on a Page – textiles 2D shape to 3D project
Cycle 2 2023/24	Year3/4 Project on a Page – Mechanical systems Pneumatics	Year3/4 Project on a Page – Structures - shell structures	Year3/4 Project on a Page - Food - healthy and varied diet
Cycle 3 2024/25	Year3/4 Project on a Page - Food - healthy and varied diet	Year3/4 Project on a Page – Structures - shell structures CAD (Computer aided design)	Year3/4 Project on a Page – textiles 2D shape to 3D project

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Cycle 1 2022/23	Class 2 (R)	Class 2 (R)		
	Year3/4 Project on a Page – Mechanisms Linkages and levers	Year3/4 Project on a Page - Food - healthy and varied diet	Year3/4 Project on a Page – textiles 2D shape to 3D project	
Cycle 2 2023/24	Year3/4 Project on a Page – Mechanical systems Pneumatics	Year3/4 Project on a Page - Electrical systems simple circuits and switches/simple programming and control	Year3/4 Project on a Page – Structures - shell structures	
Cycle 3 2024/25	Year3/4 Project on a Page - Food - healthy and varied diet	Year3/4 Project on a Page – Structures - shell structures CAD (Computer aided design)	Year3/4 Project on a Page – textiles 2D shape to 3D project	

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	Class 5 (GE)			
Cycle 1 2022/23	Year3/4 Project on a Page - Electrical systems simple circuits and switches/simple programming and control Year 5/6 Project on a Page - Electrical systems Monitoring and control/ More complex switches	Year 5/6 Project on a Page - Mechanical systems Pulleys and GearsGears	Year 5/6 Project on a Page Food - Celebrating Cultures and seasonality	
Cycle 2 2023/24	Year3/4 Project on a Page - Electrical systems simple circuits and switches/simple programming and control Year 5/6 Project on a Page - Electrical systems Monitoring and control/ More complex switches	Year 5/6 Project on a Page - Mechanical systems Pulleys and GearsPulleys	Year 5/6 Project on a Page Food - Celebrating Cultures and seasonality	
Cycle 3 2024/25	Year3/4 Project on a Page - Electrical systems simple circuits and switches/simple programming and control Year 5/6 Project on a Page - Electrical systems Monitoring and control/ More complex switches	Year 5/6 Project on a Page - Structures Frame Structures (Egg Protection)	Year 5/6 Project on a Page Food - Celebrating Cultures and seasonality	

Add on where you can fit it in: Year 5/6 Project on a Page - Mechanical systems - Cams

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	Class 3 (R)		
Cycle 1 2022/23	Year 5/6 Project on a Page - Textiles - Combining different fabric shapes Year 5/6 Project on a Page - Textiles - using computer aided design(CAD) in textiles	Year 5/6 Project on a Page Food - Celebrating Cultures and seasonality	Year 5/6 Project on a Page - Electrical systems Monitoring and control/ More complex switches Goblin Cars
Cycle 2 2023/24	Year 5/6 Project on a Page - Mechanical systems - Cams	Year 5/6 Project on a Page - Structures Frame Structures - Goblin cars	Year 5/6 Project on a Page - Electrical systems Monitoring and control/ More complex switches Goblin Cars

ADDITIONAL UNIT TO LINK TO SCIENCE - Year 5/6 Project on a Page - Mechanical systems Cams

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	Class 6 (GE)		
Cycle 1 2022/23	Year 5/6 Project on a Page - Textiles - Combining different fabric shapes	Year 5/6 Project on a Page - Textiles - using computer aided design(CAD) in textiles	Year 5/6 Project on a Page - Electrical systems Monitoring and control Goblin Cars
Cycle 2 2023/24	Year 5/6 Project on a Page - Textiles - Combining different fabric shapes	Year 5/6 Project on a Page - Textiles - using computer aided design(CAD) in textiles	Year 5/6 Project on a Page - Electrical system More complex switches Goblin Cars
Cycle 3 2024/25	Year 5/6 Project on a Page - Textiles - Combining different fabric shapes	Year 5/6 Project on a Page - Textiles - using computer aided design(CAD) in textiles	Year 5/6 Project on a Page - Structures Frame Structures - Goblin cars

Year 5/6 Project on a Page Food - Celebrating Cultures and seasonality: to add on where you can in the summer term (To make sure year 6 have cover the food objectives if not covered in Class 5)