Design and Technology: 2 Year Planning Overview

|  |  | Autumn | | Spring | | Summer | |
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| Class 2 | A | DT Aspect – Mechanisms  Focus – Sliders and levers | | DT Aspect – Food  Focus – Preparing fruit and vegetable  (inc cooking and nutrition requirements for KS1) | | DT Aspect – Textiles  Focus – Templates and joining techniques | |
| B | DT Aspect - Structures  Focus - Free standing structure | | DT Aspect – Food  Focus – Preparing fruit and vegetable  (inc cooking and nutrition requirements for KS1) | | DT Aspect – Mechanisms  Focus - Axles and Wheels | |
| Class 3 | A | DT Aspect – Electrical Systems  Focus – simple programming and control | | DT Aspect - Structures  Focus - Shell structures or Shell structures using computer aided design | | DT Aspect – Electrical Systems  Focus – Simple circuits and switches | |
| B | DT Aspect – Mechanisms  Focus –Levers and linkages  Or Mechanical Systems - pneumatics | | DT Aspect - Textiles  Focus 2D shape to 3D product | | DT Aspect – Food  Focus – Healthy and varied diet | |
| Class 4 | A | DT Aspect – Mechanical Systems  Focus – Pulley or gears | | DT Aspect - Textiles  Focus – Combining different textile shapes | | DT Aspect - Electrical systems  Focus - More complex switches and circuits | |
| B | DT Aspect – Mechanical Systems  Focus – Cams | | DT Aspect – Electrical systems  Focus – Monitoring and control | | DT Aspect - Food  Focus - Celebrating culture and seasonality | |