Martin Wilson Long Term Plan for Design Technology – Mixed Age Classes

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|  | **Year 3/4** | **Year 4/5** | **Year 5/6** |
| **Year 1** | **Food**  Healthy and varied diet (including cooking and nutrition requirements for KS2) | **Food (LKS2)**  Celebrating Culture and Seasonality (including cooking and nutrition requirements for KS2) | **Food**  Celebrating Culture and Seasonality (including cooking and nutrition requirements for KS2) |
| **Electrical Systems**  Simple circuits and switches (including programming and control) | **Structures (LKS2)**  Frame Structures | **Electrical Systems**  More complex switches and circuits (including programming, monitoring and control) |
| **Structures**  (shell structures including computer aided design) | **Electrical Systems (LKS2)**  More complex switches and circuits (including programming, monitoring and control) | **Mechanical Systems**  Cams |
| **Year 2** | **Food**  Healthy and varied diet (including cooking and nutrition requirements for KS2) | **Food (EKS2)**  Healthy and varied diet (including cooking and nutrition requirements for KS2) | **Food**  Celebrating Culture and Seasonality (including cooking and nutrition requirements for KS2) |
| **Textiles**  2-D shape to 3-D product | **Textiles (LKS2)**  Combining different fabric shapes (including computer aided design | **Textiles (LKS2)**  Combining different fabric shapes (including computer aided design |
| **Mechanical Systems**  Levers and Linkages | **Mechanical Systems (LKS2)**  Pulleys / Gears | **Structures (LKS2)**  Frame Structures |