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| **Design Technology Long Term Plan** |
|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **EYFS** | \*To explore different techniques for joining materials (Glue Stick)\*To know how to work safely and hygienically \*To use non statutory measures (spoons, cups)\*To use some cooking techniques (spreading, cutting) – Sandwiches | \*To explore different techniques for joining materials (Glue Stick, PVA) \*To know how to work safely and hygienically To use non statutory measures (spoons, cups) \*To use some cooking techniques (spreading, cutting, threading, coring) – Sandwiches, Fruit Kebab | \*To explore different techniques for joining materials (Glue Stick, PVA, Masking Tape, Tape) \*To know how to work safely and hygienically To use non statutory measures (spoons, cups) \*To use some cooking techniques (spreading, cutting, threading, coring, mixing) Sandwiches, Fruit Kebab, Biscuits  | \*To know how to work safely and hygienically To use non statutory measures (spoons, cups) \*To use some cooking techniques (spreading, cutting, threading, coring, mixing, grating) Sandwiches,\*To know how to work safely and hygienically To use non statutory measures (spoons, cups)  | \*To manipulate materials \*To plan what they are going to make (cooking, wood work, construction, junk modelling) \*To know how to work safely and hygienically \*To use non statutory measures (spoons, cups) \*To use some cooking techniques (spreading, cutting, threading, coring, mixing, grating, adding flavours) | \*To know some similarities and differences between materials \*To share creations, talk about process and evaluate their work \*To adapt work where necessary |
| **Year 1** | Structures: Constructing windmills(4 lessons) |  |  | Textiles: Puppets(4 lessons) | Food: Fruit and vegetables(4 lessons) |  |
| **Year 2** |  | Structures: Baby bear’s chair(5 lessons) |  | Mechanisms: Fairground wheel(4 lessons) | Mechanisms: Making a moving monster(4 lessons) |  |
| **Year 3** |  | Food: Eating seasonally(4 lessons) | Digital world: Electronic charm(4 lessons) |  | Structures: Constructing a castle(4 lessons) |  |
| **Year 4** | Electrical systems: Torches(4 lessons) |  |  | Structures: Pavilions(4 lessons) |  | Mechanical systems:Making a slingshot car(4 lessons) |
| **Year 5** | Electrical systems: Doodlers(4 lessons) |  | Mechanical systems: Making a pop-up book(4 lessons) |  | Food: What could be healthier?(4 lessons) |  |
| **Year 6** |  | Textiles: Waistcoats(4 lessons) |  | Structures: Playgrounds(4 lessons) |  | Digital world: Navigating the world(4 lessons) |

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| Mechanisms/Mechanical Systems | Structures | Textiles | Food | Electrical systems | Digital world |