|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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) |

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