**Breadth map for Design Technology**

DT lessons will take place every two weeks over a ten week term. They will be interleaved with Art topics.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Term 1** | **Term 2** | **Term 3** |
| **Week 1** | Food and nutrition | Structures | Food and nutrition |
| **Week3** | Structures | Structures | Structures |
| **Week 5** | Structures | Structures | Structures |
| **Week 7** | Structures | Structures | Structures |
| **Week 9** | Structures | Food and nutrition | Structures |

The technical knowledge aspects that will be studied in **Key Stage 1, cycle A** are:

The technical knowledge aspects that will be studied in **Key Stage 1, cycle B** are:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Term 1** | **Term 2** | **Term 3** |
| **Week 1** | Food and nutrition | Mechanisms | Food and nutrition |
| **Week3** | Mechanisms | Mechanisms | Mechanisms |
| **Week 5** | Mechanisms | Mechanisms | Mechanisms |
| **Week 7** | Mechanisms | Mechanisms | Mechanisms |
| **Week 9** | Mechanisms | Food and nutrition | Mechanisms |

**Lower Key Stage 2, cycle A**

DT lessons will take place every two weeks over a ten week term. They will be interleaved with Art topics.

The technical knowledge aspects that will be studied in **Lower Key Stage 2, cycle A** are:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Term 1** | **Term 2** | **Term 3** |
| **Week 1** | Complex Structures | Food and nutrition | Complex Structures |
| **Week3** | Complex Structures | Complex Structures | Complex Structures |
| **Week 5** | Complex Structures | Complex Structures | Complex Structures |
| **Week 7** | Complex Structures | Complex Structures | Complex Structures |
| **Week 9** | Food and nutrition | Complex Structures | Food and nutrition |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Term 1** | **Term 2** | **Term 3** |
| **Week 1** | Mechanical Systems | Food and nutrition | Mechanical Systems |
| **Week3** | Mechanical Systems | Mechanical Systems | Mechanical Systems |
| **Week 5** | Mechanical Systems | Mechanical Systems | Mechanical Systems |
| **Week 7** | Mechanical Systems | Mechanical Systems | Mechanical Systems |
| **Week 9** | Food and nutrition | Mechanical Systems | Food and nutrition |

The technical knowledge aspects that will be studied in **Lower Key Stage 2, cycle A** are:

The technical knowledge aspects that will be studied in **Upper Key Stage 2, cycle A** are:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Term 1** | **Term 2** | **Term 3** |
| **Week 1** | Electrical Systems | Electrical Systems | Electrical Systems |
| **Week3** | Electrical Systems | Electrical Systems | Electrical Systems |
| **Week 5** | Food and Nutrition | Food and Nutrition | Food and Nutrition |
| **Week 7** | Electrical Systems | Electrical Systems | Electrical Systems |
| **Week 9** | Electrical Systems | Electrical Systems | Electrical Systems |

The technical knowledge aspects that will be studied in **Upper Key Stage 2, cycle A** are:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Term 1** | **Term 2** | **Term 3** |
| **Week 1** | Programming and control of devices | Programming and control of devices | Programming and control of devices |
| **Week3** | Programming and control of devices | Programming and control of devices | Programming and control of devices |
| **Week 5** | Food and Nutrition | Food and Nutrition | Food and Nutrition |
| **Week 7** | Programming and control of devices | Programming and control of devices | Programming and control of devices |
| **Week 9** | Programming and control of devices | Programming and control of devices | Programming and control of devices |