**Design and Technology Long Term Plan**

**Teachers are to choose which objectives to cover to fit in with topics and themes being covered in their class.**

| Cycle A | | | |
|---|---|---|---|
| **Year 1/2** | Making Ice Cream as a mini business

Make an animal puppet | Prepare a healthy snack
Design and make a bug hotel. | Design, make and evaluate a bridge inspired by structures of Isambard Kingdom Brunel. |
| **Cycle B** | | | |
| **Year 1/2** | Making a stain glass window using different materials and textiles **OR** make a cathedral from recyclable materials Making Ice Cream as a mini business. | Make a vehicle with wheels based on exploring and space | Design and make a souvenir using clay. |
| **Cycle A** | | | |

| Year 3/4 | Making confectionary as a mini business<br>Make a photo frame | Simple Circuits and Switches- Design and make an alram something which triggers a light or buzzer to come on | Cooking and Nutrition- Design and create your own healthy snack |
|---|---|---|---|
| Cycle B | | | |
| Year 3/4 | Make a Roman chariot<br>Making confectionary as a mini business | Textiles linked to topic- design some clothes that the first people on earth may have worn, make a tapestry depicting scenes of early life on earth. | Make Egyptian bread – invite parents in to taste **OR** Hinges/latches building own sarcophagus for a doll |
| Cycle A | | | |
| Year 5/6 | Making confectionary as a mini business<br>Planning their product.<br>Packaging.<br>Use textiles to create an information poster about the earth and its plates. | Cooking and Nutrition(Focus on savoury dishes)- To be adapted to fit in with topics or themes being covered in class. | Can you design and make a moving water wheel like the ones used in the mines? |
| Cycle B | | | |
| Year 5/6 | Make a character using mod roc<br>Investigate and make an item of Viking clothing **OR** design a viking longboat<br>Making confectionary as a mini business | Record an event using fabric as your media. | Shelter Building- Can you design and build a mini model of a bomb shelter which could have been used during WW1? |