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| **Year Group** | **AUTUMN TERM** | **SPRING TERM** | **SUMMER TERM** |
| EYFS | **Expressive Arts and Design: Exploring Media and Materials:** They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.**Expressive Arts and Design: Being Imaginative:** Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories. |
| 1 | **FARMING****Textiles:** Make a scarecrow **Food Tech:** Make a milk-based smoothie | **RECYCLING****Mechanics** & **Materials and Construction**: Make a moving vehicle out of recycled items.  | **HABITATS****Materials and Construction**: Design and build a bird box.  |
| 2 | **WORLD HUNGER****Food Tech:** Make a fruit salad using surplus school fruit.**Mechanics:** Simple pop up cards with message | **HEROES THROUGH TIME****Textiles:** Sew a flag/protest banner with an inspirational message. | **WEATHER****Materials/Construction & Mechanics:** Design and build a windmill |
| 3 | **POLLUTION****Materials and construction & Mechanics:** Make a moving sea creature | **HOMELESSNESS****Textiles:** Create a wash/toiletry bag for the homeless. | **FAIRTRADE****Food Tech:** Fairtrade Bake Off |
| 4 | **BEING A CONSUMER****Textiles:** Repairing clothes | **POVERTY****Food Tech:** £1 Meals | **SUSTAINABILITY****Materials and Construction & Mechanics:** Design and make a solar powered moving ca**r** |
| 5 | **DONCASTER****Materials and Construction:** Light-up Welcome to Doncaster sign | **MIGRATION****Textiles:** Creating Bunting with a message | **MEDICINE AND MEDICAL RESEARCH****Food Tech:** Exploring meals for different dietary requirements/intolerances. **Mechanics:** Make a moving implement |
| 6 | **WAR****Materials and Construction** & **Mechanics:** Light up, moving propaganda sign. | **GLOBAL WARMING****Food Tech:** Creating energy efficient meals | **REFUGEES****Textiles:** Designing and making clothes |
| **KEY** | **MATERIALS AND CONSTRUCTION** | **FOOD TECHNOLOGY** | **TEXTILES** | **MECHANICS** |

**Design and Technology Overview**

**2024-2025**