CCP D&T Long Term Plan

EYFS Progression of Skills

- Select and use activities and resources, with help when needed including recyclable materials
- Choose the right resources to carry out their own plan.
- Use one-handed tools and equipment, for example, making snips in paper with scissors.
- Explore how things work.
- Make imaginative and complex 'small worlds' with blocks and construction kits, such as a city with different buildings and a park.
- Explore different materials freely, in order to develop their ideas about how to use them and what to make.
- Develop their own ideas and then decide which materials to use to express them.
- Create closed shapes with continuous lines, and begin to use shapes to represent objects.
- Begin to work to a process with Planning Permission Forms.
- Adapt plans and creations over time
- Develop their small motor skills so that they can use a range of tools competently, safely and confidently.
- Use their core muscle strength to achieve a good posture when sitting at a table or sitting on the floor.
- Explore, use and refine a variety of artistic effects to express their ideas and feelings.
- Return to and build on their previous learning, refining ideas and developing their ability to represent them.
- Create collaboratively, sharing ideas, resources and skills.
- Use a range of small tools, including scissors, paintbrushes and cutlery.
- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share their creations, explaining the process they have used.

Curriculum Sequence

	Unit 1	Unit 2	Unit 3
Year 1	**Cooking and Nutrition** **Preparing Food** Creating a Fruit Salad (Spring 1)	**Mechanisms and Mechanical Systems** **Slides and Levers** Easter Cards (Spring 2)	**Structures** **Freestanding Structures** Castles (Summer 2)
Year 2	**Cooking and Nutrition** **Balanced Diet** Making a healthy wrap (Autumn 2)	**Textiles** **Templates and Joining Techniques** Hand Puppets (Spring 2)	**Mechanisms and Mechanical Systems** **Wheels and Axles** Designing and Making a Wheeled Product (Summer 2)
Year 3	**Mechanisms and Mechanical Systems** **Pneumatic Systems** Seaside (Autumn 2)	**Structures** **Shell Structures introducing CAD** Healthy Cereal Box (Spring 2)	**Cooking and Nutrition** **Seasonal and Local Produce** Making a tart (Summer 2)
Year 4	**Cooking and Nutrition** **Adapting a Recipe** Biscuits (Autumn 2)	**Electrical Systems** **Simple Circuits and Switches** Torches (Spring 1)	**Textiles** **2D shape to 3D product** Money Containers (Spring 2)
Year 5	**Cooking and Nutrition** **Celebrating Seasonality** Bread (Autumn 2)	**Mechanisms and Mechanical Systems** **Cams** Automata Toy (Spring 2)	**Structures** **Frame Structure** Bird Boxes (Summer 2)
Year 6	**Cooking and Nutrition** **Developing a Recipe** Celebrating South American Culture (Autumn 2)	**Electrical Systems** **More Complex Switches** Controllable Vehicle (Spring 2)	**Textiles** **Using CAD in textiles** Mascots (Summer 2)

Cooking and Nutrition (6)	Mechanisms and Mechanical Systems (4)	Structures (3)	Electrical Systems (2)	Textiles (3)