

## Design and Technology

*Bringing design and technology to life for our young designers of today!*

At NET, our Design and Technology curriculum aims to ensure:

- Pupils develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- Pupils are progressively taught knowledge and skills to become innovative and creative thinkers who have an appreciation for the product design cycle: to **design**, **make** and **evaluate** products for a wide range of users developing their technical knowledge.
- Design and technology is an inspiring, rigorous and practical subject.
- Pupils develop the confidence to take risks, through drafting design concepts, modelling, and testing and to be reflective learners who **evaluate** their work and the work of others.
- Pupils are aware of the impact of design and technology on our lives and encourage pupils to become resourceful, enterprising and capable citizens.
- Understand and apply the principles of **nutrition** and learn how to **cook**.

The curriculum follows the Kapow Primary scheme of work and has been strengthened so that pupils revisit the learning in a spiral continuum curriculum. Pupils revisit strands and skills with greater complexity and depth. As the pupils return to a previous strand, prior learning is utilised, providing pupils with the foundations, and building blocks, in order to retain new information in the long-term memory.

### Long Term Plan

	Autumn	Spring	Summer
EYFS	DT is a part of our continuous provision and activities: Tools, Textiles, Food, Structures, mechanisms		
Year 1	Making a Moving Story Book Mechanisms	Fruit and Vegetables Cooking and Nutrition	Constructing a Windmill Structures
Year 2	Puppets Textiles	A Balanced Diet Cooking and Nutrition	Baby Bear's Chair Structures
Year 3	Eating Seasonally Cooking and Nutrition	Constructing a Castle Structures	Pneumatic toys Mechanisms
Year 4	Static Electricity Electrical Systems	Adapting a Recipe Cooking and Nutrition	Cushions Textiles
Year 5	Stuffed Toys Textiles	Bridges Structures	What Could Be Healthier? Cooking and Nutrition
Year 6	Steady Hand Game Electrical Systems	Come Dine with Me Cooking and Nutrition	Automata Toys Mechanisms