DESIGN & TECHNOLOGY AT A GLANCE (Long Term Plan)

DESIGN & TECHNOLOGY

INTENT – Luddenden CE School is committed to providing an environment which promotes creativity and innovation. We aim to inspire children through a broad range of practical experiences to create innovative designs based on real and relevant contexts. Each unit encourages children to identify problems, critically evaluate existing products and then take risks and innovate when designing their own products. Core values in Design and Technology are curiosity, endurance, compassion and courage.

IMPLEMENTATION: The Kapow scheme of work will for the core Design & Technology curriculum. Children are given the opportunity across every year group to design, plan, make & evaluate through practical lessons. They will practise skills, utilise prior knowledge and be introduced to new ideas as they move through school. Cooking skills and understanding of nutrition are also developed in every year group.

IMPACT: Children build on their wealth of skills and understanding, now and in the future. Children show competences in improving their resilience and perseverance by continually evaluating and improving their work. Children develop gross and fine motor skills impacting positively on muscle development and coordination.

	Autumn	Spring	Summer
Nursery	Painting & Drawing	Colour & Texture	Cutting, joining & assembling
Reception	Structures - Junk Modelling	Structures - Boats	Making Smoothies
Year 1	Design & make a puppet	Design a moving vehicle with wheels	Making Smoothies
Year 2/3 Cycle A	Design & make a pouch	Mechanisms - Fairground wheel	Making a wrap
Year 2/3 Cycle B	Making a moving monster	Eating Seasonally	Making a castle
Year 4		Mechanical Cars / Adapting a Recipe	Textiles- Cushions
Year 5/6 Cycle A	Structures - Bridges	Developing a Recipe	Textiles - Fastenings
Year 5/6 Cycle B	Textiles - Stuffed Toys	Nutrition - Come Dine with me	Steady hand game