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: 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 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2
Nursery	Painting & Drawing		Colour & Texture		Cutting, joining & assembling	
Reception/Year 1 Cycle A	Design & make a puppet		Recycled materials			Cooking – design & make a healthy snack
Reception/Year 1 Cycle B	Design & make a mask		Fruit & Veg faces		Products using levers & slides	
Year 2/3 Cycle A		Design & make a Christmas decoration	Following baking recipes			Design & make an instrument
Year 2/3 Cycle B	Make a moving skeleton		Design & make a magnetic game		Cooking European food	
Year 4/5 Cycle A	Cooking – seasonality		Textiles – Tie dye bag			Design & make a kite
Year 4/5 Cycle B	Cooking – Adapting recipes		Design & make a marble run rollercoaster		Make a working light house	
Year 6	Textiles - Collaborative pieces		Cooking for others		Dragsters	