Deeping St James
Design and Technology Overview 2021-2022

YEAR GROUP	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
EYFS	**Construction, structure and joins** *Making houses from cardboard* **Cooking** *Making bread*	**Cooking** *Making porridge* *Making gingerbread men*	**Construction, structure and joins** *Make a vehicle from junk materials*	**Construction, structure and joins** *Build a castle with junk materials and construction toys*	**Construction, structure and joins** *Make a basket for a character* *Build a safari jeep* *Den building* **Cooking** *Cutting fruit*	**Construction, structure and joins** *Make a boat float* *Den building* *Split pin pirates* *Make a treasure chest*
YEAR 1	**Mechanisms - Sliders and levers** *Moving Pictures – Christmas cards/storybooks*		**Textiles – Templates and joining techniques** *Finger Puppets*		**Food – Preparing fruit and vegetables** *Fantastic Fruit Salad*	
YEAR 2	**Structures - Freestanding structures** *Playground Equipment*		**Mechanisms - Wheels and axles** *Designing a vehicle for people who help us/others (emergency services/farmers)*		**Food - Preparing fruit and vegetables** *Coleslaw salad*	
YEAR 3	**Mechanical Systems - Levers and linkages** *Christmas Storyboard*		**Textiles - 2-D shape to 3-D product** *Book sleeve pillowcase*		**Food - Healthy and varied diet** *Dips and dippers*	
YEAR 4	**Electrical Systems - Simple circuits and switches** *Nightlight*		**Structures - Shell structures** *Hedgehog house*		**Mechanical Systems - Pneumatics** *Mechanism using air to power a toy*	
YEAR 5	**Mechanical Systems - Pulleys or gears and cams** *Plan, Design, Build and Test Go-Carts*		**Structures - Frame structures** *Bird hide*		**Electrical Systems – Monitoring and control** *Electrical buzzer game*	
YEAR 6	**Textiles – Combining different fabric shapes** *Fabric advent calendar*		**Electrical Systems – More complex switches and circuits** *Electrical boardgame*		**Food – Celebrating culture and seasonality** *Gala dinner*	

Resilient Risk Taker Determined Self Improver Persistent Problem Solver Cooperative Group Worker

Inspire to learn, achieve together