

Roose Community Primary School

Design Technology

Long Term Plan for AY 2025-26

	Autumn		Spring	Summer
	Food and Nutrition Healthy Choices		Structures and Mechanisms Constructions	Textiles Mini Beasts
EYFS	Learn how to manage own basic hygiene and personal needs including oral health and healthy food choices.		Create collaboratively, sharing ideas, resources and skills. Return and build on their previous learning, refining ideas and developing their ability to represent them.	Safely use and explore a variety of materials, tools and techniques experimenting with design, texture and function. Share their creations, explaining the process they have used.
Year 1	Mechanisms Block A		Structures Block B	Food and Nutrition Block C
	How can you make a picture move?		How can you stop a tower from toppling over?	How does food effect your senses?
Year 2	Food and Nutrition Block B		Mechanisms Block C	Structures Block D
	What does healthy mean?		Are bigger wheels always better?	How strong is a piece of paper?
Year 3	Textiles Block A		Food and Nutrition Block B	Structures Block D
	How can you make a box out of cloth?		What do we mean by a balanced diet?	What makes bridges strong?
Year 4	Food and Nutrition Block A		Textiles Block B	Electrical Systems Block D
	What's really in your food?		How do you stop a tow slipping off a hook?	How useful are switches?
Year 5	Food and Nutrition Block A		Textiles Block B	Structures Block D
	What can you learn from different cultures' diets?		Which fabric is ideal for creating a functional and hard-wearing lunch bag?	How are frames strengthened, reinforced and made rigid?
Year 6	Food and Nutrition Block A	Mechanisms Block B	Electrical Systems Block C	Textiles Block D
	Does food affect the way you feel?	How do pulleys and gears let you see the world?	Can switches perform more than one function?	How can we reduce, recycle and repurpose?