Design and Technology

Design and Technology is an inspiring, rigorous and practical subject. Design and Technology encourages children to learn to think and intervene creatively to solve problems both as individuals and as members of a team.

At Westlea Primary School, we encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We aim to, wherever possible, link work to other disciplines such as mathematics, science, engineering, computing and art. The children are also given opportunities to reflect upon and evaluate past and present design technology, its uses and its effectiveness and are encouraged to become innovators and risk-takers.

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Design and Technology					
1	Cooking and nutrition: design and make a healthy fruit salad Mechanisms: investigate levers, slider and wheels and use them to make a moving picture		Structures: make a suitcase for Paddington Bear, exploring how to make it stronger, stiffer and more stable		Joining techniques: make an animal puppet	
2		Food technology Fruit and vegetables		Textiles Bunting making		Construction Lever and Sliders Winding up
3	Design and make a package for a gift		Moving Monsters		Sandwiches- bread and healthy filling	
4	Design and make a storybook		Design and make an electronic game: Lighting it u		Edible Garden	
5	Make a Musical Instrument		Make a moving toy		Make a Floor Robot Game (Controlling a programmable floor robot)	
6	Electric vehicles		Cookies		Enterprise Project	