

Emmanuel Junior Academy

DT Long Term Plan

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3		Textiles 2-D shape to 3-D product Christmas decoration to hang on a tree.		Food Healthy and varied diet (including cooking and nutrition requirements for KS2) Bread: A bread roll to make a healthy sandwich		Mechanical Systems Levers and linkages Moving component for a child's book
Year 4		Electrical Systems Simple circuits and switches Christmas lamp/lightbox		Food Healthy and varied diet (including cooking and nutrition requirements for KS2) Bread: Healthy pizza		Structures Shell structures CAD Mini Greenhouse
Year 5		Structures Frame structures Bird hide/shelter		Food Healthy and varied diet (including cooking and nutrition requirements for KS2) Bread: Savoury hot cross bun		Mechanical Systems Pulleys or gears CAD Carousel
Year 6		Textiles 2-D shape to 3-D product CAD Christmas gift bag		Food Healthy and varied diet (including cooking and nutrition requirements for KS2) Bread: Showstopper celebration bread		Electrical Systems (including programming, monitoring and control) Alarm
Discipline	Structures	Food	Textiles	Mechanical Systems	Electrical systems	Computer Aided Design