

Days Lane Design Technology Overview

	N	R	1	2	3	4	5	6
Autumn Term	Structures: Construct enclosures vertically and horizontally using different materials	Textiles: Christmas decorations Link: English (Elf on the Shelf letters)	Structures: Playground equipment for local area (Free standing structures) Link: Geography (Improving the local area)	Structures: Gift box for previous item (shell structures) Link: RE (Christmas)	Mechanisms: Chinese Dragon (pneumatic and moving) Link: Chinese new Year decoration	Food: Autumn pastries Link: Seasonal cooking	Mechanisms: rainforest automatons (cams, followers and moving mechanisms) Link: Science (rainforest)	
Spring Term	Structures: Manipulate materials for a planned purpose	Mechanisms: Pop up prop (mechanisms, levers, pulleys)	Mechanisms: Moving toy (mechanisms, levers, pulleys) Link: History (new and old toys)	Research: effects of food on the body (healthy diet vs unhealthy diet) Food Technology: Creating a healthy vegetable pasta dish or soup Seasonality – grow our own vegetables to use cook Link: Science (human body and digestive system)	Electronics Steady hand game with working buzzer (electricity and circuits including bulbs, buzzers and switches) Link: Science (electricity)	Structures: Frame structures, Bridges	Research: Aaron Sanchez – Mexican cooking and flavours Food Technology: Creating fajitas and hot chocolate Link: History (Mayans)	
Summer Term	Research: Research different materials and describe texture Food Technology: Tasting session to try new textures and fruits	Research: Mary Berry – baking techniques and tips Food Technology: Where does food come from? Cake with fruit Link: English (Hansel and Gretel)	Research: Jamie Oliver – healthy food and balanced plate Food Technology: Fish goujons and crudités on the side to show cutting, chopping and peeling skills Link: English (The Lighthouse Keeper's Lunch)	Mechanisms: Steam engines (lever and linkages) Link: History	Research: Costas Spiliadis- Greek chef Greek cooking and flavours Food Technology: Where food came from. Comparing a Greek lunch to a UK lunch. Link: History (Ancient Greece)	Textiles: Designing and creating a bag for mountain expeditions Link: Geography (Mountains and rivers)	Electronics: Alarm system Club: Make props for the Year 6 show	

