

## Days Lane Design Technology Overview

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

