

Burradon Long Term Plan

The project that you are completing (This was last years, either keep it the same or if you want to change it please change it on here)

Enhancing the curriculum: Inventor/ engineer/ scientist/ significant person to look at linked to science/ DT (to further enhance our DT curriculum)

EYFS		
Autumn	Spring	Summer
Food: Making apple and pear crumble with fruit from the woodland area Cooking Pumpkin Soup	Rainbow Salad Design and make a spring sun catcher	Junk Modelling Making boats

Key Stage 1

Y1

Autumn	Spring	Summer
Aut 1 Structures Freestanding structures To make a piece of play equipment to improve the outdoor area. Charles Macintosh - inventor of waterproof mac	Spring 1 Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) To make a smoothie for children in our class to enjoy on our Royal Banquet Levi Roots - entrepreneur	Summer 2 Mechanisms Wheels and axles To make a vehicle that children would enjoy playing with. George Stephenson
Mechanisms Sliders and levers To make a moving Christmas card John Boyd Dunlop - Inventor of rubber inflatable tyres	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1) To make fruit salad to serve at Superheroes picnic Heston Blumenthal - linking design, food, science.	Textiles Templates and joining techniques To sew a puppet to use in a Puppet Show at our beach party Orla Kielly - designer, fabrics,

Lower Key Stage 2

Y3

<p>Structures Shell structures (including computer-aided design)</p> <p>To design, create and evaluate a reusable Christmas gift box for children.</p> <p>James Dyson</p>	<p>Food Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p>To prepare and cook a healthy main course using seasonal and local foods to serve at the class cafe.</p> <p>Jamie Oliver - chef, entrepreneur</p>	<p>Textiles 2-D shape to 3-D product</p> <p>To design and create a PE bag to use for school.</p> <p>Mary Anning (Palaeontologist)</p>
<p>Mechanical Systems Levers and linkages</p> <p>Pop up books</p> <p>Jane Goodall (linked to science) ecologist</p>	<p>Food Healthy and varied diet (including cooking and nutrition requirements for KS2)</p> <p>To make pizza using healthy alternatives.</p> <p>Mary Berry</p>	<p>Electrical Systems Simple circuits and switches (including programming and control)</p> <p>(Torches)</p> <p>Ann Makonsijsk - inventor of the thermoelectric flashlight 2013</p>

Y4

Upper Key Stage 2

Y6

<p>Mechanical Systems Pulleys and Gears</p> <p>CAM toys - Victorians</p> <p>Lonnie Johnson - NASA engineer and inventor of the Nerf and super soaker</p>	<p>Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p> <p>Mining - Local foods</p>	<p>Structures Frame Structures</p> <p>Rainforest Shelter</p> <p>Meg Lowman - Biologist</p>
<p>Textiles Combining different fabric shapes (including computer-aided design)</p> <p>Johnny Ive (Apple) Product designer</p>	<p>(Summer due to SATs) Electrical Systems (Lego) More complex switches and circuits (including programming, monitoring and control)</p> <p>Ernestas Jonkute - Nanotechnologist</p>	<p>Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)</p> <p>Chris Nelson - Horticulturist.</p>

