

Design Technology Curriculum Overview 2017-18

Year 5 Overview

Term	Main focus of teaching each term
Autumn 1 & Autumn 2	D&T Chocolate Bar Project: H&S within technology, designing ideas and making in paper and card. (Graphics)
Spring 1 & Spring 2	D&T Key Tag: Learning to design and make for a target group using Acrylic. Cutting, shaping and producing a quality product.
Summer 1 & Summer 2	D&T. Rolling Ball Game: learning to design, mark and cut out using wood, shape and finish their product.

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Autumn 1 & Autumn 2	<p>Food Learning to work safely and hygienically in the kitchen making healthy snacks and main meals.</p> <p>DT - Electronics Mini Light: building knowledge of electrical circuits and learning to design and make a mini light in plastic and foam</p>
Spring 1 & Spring 2	<p>Food What's in Season? Learning about availability of food and planning and cooking meals around this.</p> <p>D&T Key Tag: Learning to design and make for a target group using Acrylic. Cutting, shaping and producing a quality product.</p>
Summer 1 & Summer 2	<p>Food Planning a picnic – looking at healthy options for lunch boxes and picnics.</p> <p>D&T Structures: Learn how to make strong and resilient structures and about forces acting to weaken them.</p>

Year 6 Overview

Term	Main focus of teaching each term
Autumn 1 & Autumn 2	D&T Money Box: understanding how to join wood, cutting and assembling own design for a money box and finishing to a high quality.
Spring 1 & Spring 2	D&T Sweet Dispenser: Using existing skills and techniques to overcome a design challenge.
Summer 1 & Summer 2	D&T Pencil Holder: A design and make project to assess the practical skill levels of the students.

Year 7 Overview

Term	Main focus of teaching each term
Autumn 1 & Autumn 2	<p>Food Healthy Eating: Understanding what is in food products and how to prepare and cook ingredients to meet a healthier balanced diet.</p> <p>D&T Packaging Design. Looking at DVD and Game designs, students will learn to design and produce a package of their choice building on graphical skills including CAD/CAM.</p>
Spring 1& Spring 2	<p>Food Feeding the Family Understanding the dietary needs of different people such as diabetics, vegetarians and wheat intolerant, a range of meals will be planned and made around these needs.</p> <p>D&T Mobile Phone Stand: Using new materials students will design and make a stand to support a mobile phone.</p>
Summer 1 & Summer 2	<p>Food Independently adapting and preparing recipes for a 3 course meal</p> <p>D&T Clock: Students are to be assessed on their design and making skills whilst producing a working clock of their own design.</p>

Year 8 Overview