

Design & Technology CURRICULUM – YEAR 5 & 6



THEME	Year 5	Year 6
Design	<p>To draw on and use various sources of information</p> <p>To use understanding of familiar products to help develop their ideas</p> <p>To work from detailed plans, modifying where appropriate</p> <p>To clarify ideas through discussion, drawing and modelling</p> <p>To communicate ideas</p>	<p>To draw on and use various sources of information</p> <p>To use understanding of familiar products to help develop their ideas</p> <p>To work from detailed plans, modifying where appropriate</p> <p>To clarify ideas through discussion, drawing and modelling</p> <p>To communicate ideas</p>
Make	<p>To use a motor in a product to move wheels, gears etc</p> <p>To use coding software to learn how to program and control</p> <p>To experiment with a range of materials until they find the correct ones for the job (appropriate, affordability, appeal)</p> <p>To add colour and texture to their work</p> <p>To mark out using own patterns and templates</p>	<p>To use LEDs to make a circuit in a product</p> <p>To understand that LEDs need to be the correct way round in a circuit or they won't work</p> <p>To use coding software to program and control</p> <p>To use cams to make a product that moves in an interesting way</p>
Evaluate	<p>To reflect on designs and develop them</p> <p>To identify what is working well and what can be improved</p> <p>To have an awareness of limit resources (budget, time, availability)</p>	<p>To reflect on designs and develop them</p> <p>To identify what is working well and what can be improved</p> <p>To have an awareness of limit resources (budget, time, availability)</p>



	To understand how key events and individuals in design and technology have helped shaped the world	To have an awareness of limit resources (budget, time, availability) To understand how key events and individuals in design and technology have helped shaped the world
Technical Knowledge	To ensure joins are strong and stable, giving extra strength to products To ensure some joints are flexible to allow for dismantling or folding To hide joins for aesthetic effect	To ensure joins are strong and stable, giving extra strength to products To ensure some joints are flexible to allow for dismantling or folding To hide joins for aesthetic effect
Cooking and Nutrition	To understand that food is grown, reared and caught in the UK, Europe and the wider world To understand that seasons may affect the food available To understand how food is processed into ingredients that can be eaten or used in cooking To understand seasonability To adapt a recipe by adding or substituting ingredients To prepare and cook a savoury dish safely and hygienically using a heat source To use techniques such as weighing, measuring, mixing, kneading, chopping, measuring, combining and shaping	To understand that food is grown, reared and caught in the UK, Europe and the wider world To understand that seasons may affect the food available To understand how food is processed into ingredients that can be eaten or used in cooking To understand seasonability To adapt a recipe by adding or substituting ingredients To prepare and cook a savoury dish safely and hygienically using a heat source To use techniques such as weighing, measuring, mixing, kneading, chopping, measuring, combining and shaping

