

YEAR 1 DESIGN & TECHNOLOGY CURRICULUM FRAMEWORK



Overview of Key Stage 1 Curriculum:

Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts (for example, the home and school, gardens and playgrounds, the local community, industry and the wider environment).

AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 3
DINOSAUR PLANET	PAWS, CLAWS AND WHISKERS	SUPERHEROES
<p>Select from and use a wide range of materials and components, including ingredients, according to their characteristics.</p> <p>Create a Sockasaurus.</p> <p>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p> <p>Create a prehistoric landscape using natural materials.</p>	<p>Design purposeful, functional, appealing products for themselves and other users based on design criteria.</p> <p>Design and make a label for a tin of tiger food.</p> <p>Design and make an enclosure for a zoo animal.</p>	<p>Explore and evaluate a range of existing products.</p> <p>Look at examples of superhero masks and explain likes and dislikes. Create and evaluate a superhero mask.</p> <p>Use the basic principles of a healthy and varied diet to prepare dishes.</p> <p>Learn about superfoods and create a superhero smoothie.</p>

SPRING TERM 4	SUMMER TERM 5	SUMMER TERM 6
<p align="center">THE ENCHANTED WOODLAND</p>	<p align="center">MOON ZOOM</p>	<p align="center">BRIGHT LIGHTS BIG CITY</p>
<p>Build structures exploring how they can be made stronger, stiffer and more stable.</p> <p>Select from and use a wide range of materials and components, including construction materials and ingredients, according to their characteristics</p> <p>Build a nest or a den for a woodland animal.</p> <p>Make a home for a tiny magical creature</p> <p>Create teeny treats for a tiny tea party.</p>	<p>Design purposeful functional and appealing products, based on design criteria.</p> <p>Design and make a model spaceship using junk materials.</p> <p>Explore and use mechanisms.</p> <p>Make a moon buggy after investigating other vehicles.</p> <p>Explore and evaluate a range of existing products</p> <p>Look at a variety of space toys, from home, and evaluate them.</p>	<p>Explore and use mechanisms.</p> <p>Draw a London vehicle then create a 3D version.</p> <p>Build structures, exploring how they can be made stronger.</p> <p>Make a model of the London Eye.</p> <p>Design purposeful, functional, appealing products for themselves and other users based on design criteria.</p> <p>Understand where food comes from.</p> <p>Bake bread rolls using the recipe from Pudding Lane.</p> <p>Select from and use a wide range of materials and components, including construction materials, according to their characteristics.</p> <p>Use junk models to make a London landmark of your choice.</p>