

DT MEDIUM TERM PLAN (MTP) YEAR 3 2023-2024: Taught 1st Half of each term

DT MTP Y3	Autumn 1: 5 LESSONS	Spring 1: 5 LESSONS	Summer 1: 5 LESSONS
	<p>Topic Title: Cooking and nutrition: Eating seasonally</p> <p>Key knowledge:</p> <ul style="list-style-type: none"> To know that not all fruits and vegetables can be grown in the UK. To know that climate affects food growth. To know that vegetables and fruit grow in certain seasons. To know that cooking instructions are known as a 'recipe'. To know that imported food is food that has been brought into the country. <p>Key Skills:</p> <ul style="list-style-type: none"> Create a healthy and nutritious recipe for a savoury tart using seasonal ingredients, considering the taste, texture, smell and appearance of the dish. Know how to prepare themselves and a workspace to cook safely in, learning the basic rules to avoid food contamination. Follow the instructions within a recipe. Establish and use design criteria to help test and review dishes. Describe the benefits of seasonal fruits and vegetables and the impact on the environment. Suggest points for improvement when making a seasonal tart. <p>Key vocabulary: climate, imported, natural, reared, seasonal, diet, ingredients, processes, recipe, seasons, sugar</p>	<p>Topic Title: textiles: Egyptian collars</p> <p>Key knowledge:</p> <ul style="list-style-type: none"> To know that applique is a way of mending or decorating a textile by applying smaller pieces of fabric. To understand that a product's function relies on material choices. To identify and explain some materials and explain their aesthetic and/or functional properties. <p>Key Skills:</p> <ul style="list-style-type: none"> Design and make a template for an Egyptian collar and apply individual design criteria. Follow their design criteria to create an Egyptian collar. Select and cut fabrics with ease using fabric scissors. Thread needles with greater independence. Tie knots with greater independence. Sew cross stitch to decorate or join fabric. Decorate fabric using applique, beads (or other embellishments), ribbon and pinking scissors. Evaluate an end product. <p>Key vocabulary: applique, fabric, patch, embellish, cotton, polyester, tear, breathable, shiny, cross-stitch, running stitch, thread, template, silk, wrinkle, water-resistant, matt, biodegrade, pinking</p>	<p>Topic Title: structures: Constructing a castle</p> <p>Key knowledge:</p> <ul style="list-style-type: none"> To understand that wide and flat based objects are more stable. To understand the importance of strength and stiffness in structures. To know the following features of a castle: flags, towers, battlements, turrets, curtain walls, moat, drawbridge and gatehouse – and their purpose. To know that a façade is the front of a structure. To understand that a castle needed to be strong and stable to withstand enemy attack. <p>Key Skills:</p> <ul style="list-style-type: none"> Design a castle with key features to appeal to a specific person/purpose. Draw a label a castle design using 2D shapes. Design and/or decorate a castle tower on CAD software. Construct a range of 3D geometric shapes using nets. Create special features from a range of recycled materials. Evaluate their own work and the work of others based on the aesthetic of the finished product and in comparison, to the original design. Suggest points for modification of the individual design. <p>Key vocabulary: 2D, 3D, castle, design, evaluate, façade, feature, flag, net, recyclable, scoring, stable, strong, structure, tab, weak</p>

Lesson 1	<p>Lesson objective (s):</p> <p>To know that climate affects food growth.</p> <p>Brief outline of main tasks:</p> <p>Children will identify the different climates in which fruits and vegetables grow and follow a recipe to make Japanese fruit skewers.</p>	<p>Lesson objective (s):</p> <p>To learn how to sew cross-stitch and to applique.</p> <p>Brief outline of main tasks:</p> <p>Children will learn how to sew cross-stitch and to applique, children practise their sewing skills before receiving a brief in lesson 2.</p>	<p>Lesson objective (s):</p> <p>To recognise how multiple shapes (2D and 3D) are combined to form a strong and stable structure.</p> <p>Brief outline of main tasks:</p> <p>After learning the features of a castle, children design one of their own, deciding which 3D shapes they need to create it with consideration to the castles stability and strength.</p>
Lesson 2	<p>Lesson objective (s):</p> <p>To understand the advantages of eating seasonal foods grown in the UK.</p> <p>Brief outline of main tasks:</p> <p>Children learn that we have to import some foods from other countries, then the children bake a fruit crumble using seasonal British fruits.</p>	<p>Lesson objective (s):</p> <p>To develop and use a template.</p> <p>Brief outline of main tasks:</p> <p>Children learn about Ancient Egyptian Usekh/Wesekh collars and their purpose before being challenged with a brief to develop design criteria and collar designs that will represent the children's unique personalities.</p>	<p>Lesson objective (s):</p> <p>To design a castle.</p> <p>Brief outline of main tasks:</p> <p>Children follow a design specification to create a castle, labelling their drawings with the shapes and subsequent nets and recycled materials they will use to make it.</p>

Lesson 3	<p>Lesson objective (s):</p> <p>To create a recipe that is healthy and nutritious using seasonal vegetables.</p> <p>Brief outline of main tasks:</p> <p>Children learn that vegetables and fruits of the same colour have similar health benefits and design a seasonal tart using a variety of local seasonal vegetables and fruits to provide a range of nutrients.</p>	<p>Lesson objective (s):</p> <p>To assemble fabric parts into a fabric product.</p> <p>Brief outline of main tasks:</p> <p>Children learn to use the template they developed in lesson 2 to cut fabric to the same shape. This will form the base of their collar.</p>	<p>Lesson objective (s):</p> <p>To construct 3D nets.</p> <p>Brief outline of main tasks:</p> <p>Children construct their nets to make 3D shapes to use in the construction of the castles in lesson 4.</p>	
Lesson 4	<p>Lesson objective (s):</p> <p>To safely follow a recipe when cooking.</p>	<p>Lesson objective (s):</p> <p>To decorate fabric using applique and cross-stitch.</p>	<p>Lesson objective (s):</p> <p>To construct and evaluate my final product.</p>	

	<p>Brief outline of main tasks:</p> <p>Children bring together the lessons from this unit to make their seasonal tart.</p>	<p>Brief outline of main tasks:</p> <p>Pupils decorate their collars to meet their design criteria and final design, using a variety of techniques, including applique, pinking and adding embellishments.</p>	<p>Brief outline of main tasks:</p> <p>After creating the curtain walls of their castles, children make and attach the specific features of their designs, decorating and adding facades to complete the project.</p>
Lesson 5	<p>Lesson objective (s): ASSESSMENT</p> <p>To explain what I know about eating seasonally.</p> <p>Brief outline of main tasks:</p> <p>Children will work independently to answer questions relating to the areas taught this half term.</p> <p>Assessment to be used to record progress.</p>	<p>Lesson objective (s): ASSESSMENT</p> <p>To explain what I know about making an Egyptian collar.</p> <p>Brief outline of main tasks:</p> <p>Children will work independently to answer questions relating to the areas taught this half term.</p>	<p>Lesson objective (s): ASSESSMENT</p> <p>To explain what I know about constructing a castle.</p> <p>Brief outline of main tasks:</p> <p>Children will work independently to answer questions relating to the areas taught this half term.</p>

Seasonal projects		<p>SPRING 2 – EASTER CRAFT – EGG THREADING</p> <p>Lesson objective (s):</p> <p>To independently use fine motor skills to create threaded Easter egg decorations.</p> <p>Brief outline of main tasks:</p> <p>Children will apply skills in threading wool; making choices about patterns and colour; creating hanging Easter decorations.</p>		
Stand-alone lessons	Mechanical systems: Pneumatic toys (Lesson 1 and/or 2)			