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Focussed practical task Enamelling - an opportunity to use the jewellery enamelling process and make an example piece

Smart Materials
evaluation of modern materials looking at their their properties and uses

Picture frame/phone stand
Re-visiting the use of Acrylic to create a product that will hold a picture or can be used to rest phone on

Structures

Looking at structures and their importance using the knowledge gained to design and make miniature hats out of paper



Clocks –

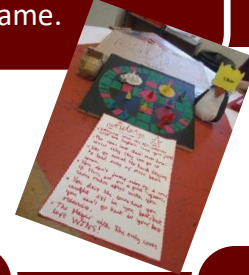
Following the design process through to production of a working clock -including regular evaluations and modifications

Board games
Working in groups to design and make a board game.

8

Jigsaw Puzzle design and make project creating a small jig saw puzzle

Graphic Design
using drawing techniques to improve presentation in the design process



7

Textiles (RM) – pencil container introducing new sewing and decoration skills to build on Y5 experiences



Food skills further recipes to build on skills learnt in y5

Carnival Floats – using a local tradition to inform design and make skills

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5






Graphic Design – Introduction to resistant materials thinking about presentation – use of a ruler, cutting skills and decoration of a product following a design brief


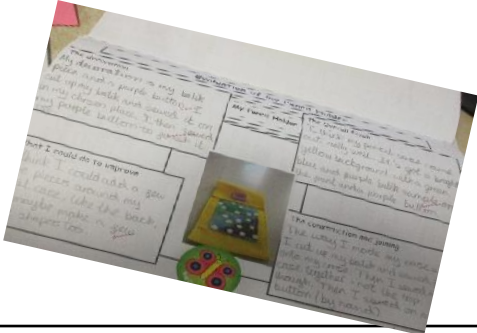



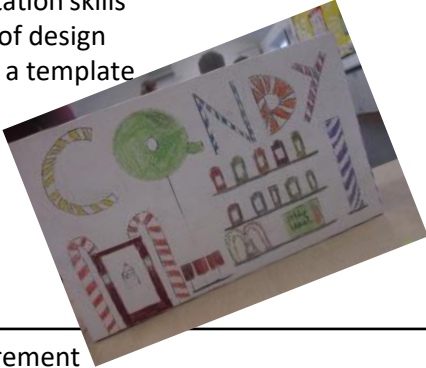





Food
Basic food preparation learning skills such as cutting, chopping rubbing in etc


Greeting Cards /Textiles – A design and make project that uses nature as a theme and introduces hand sewing skills.



Scheme of Learning	Graphic Design – Door hangers/ resistant materials	Food Preparation	Greeting Card - textiles
Knowledge	<ul style="list-style-type: none">Graphics skillsDesign skillsPresentationAnnotationRenderingUse of a rulerCutting skillsConstructionUnderstanding the meaning of the term design brief 	<ul style="list-style-type: none">Cutting skills/knife skillsBakingChopping/slicingRubbing inCombining materialsReading/following a recipePreparation and clearing away of work areasCouscous saladFruit sconesSavoury egg puffsColeslawFruit MuffinsFruit lollies	<ul style="list-style-type: none">Design skillsRendering (colouring)Threading a needleKnotting the threadSewing basic stitchesRunning stitchBack stitchCross stitch 
Sequencing Statements/ Cross Curricular Learning	<ul style="list-style-type: none">MeasurementGraphicsPresentationAnnotationevaluation	<ul style="list-style-type: none">Starting to teach basic cooking skillsFood/kitchen hygieneHealthy eating	<ul style="list-style-type: none">Sewing – textilesDesign and presentation skillsEvaluation – verbal and written
Enrichment Opportunities and British Values	<p>Sharing – resources Respect for each other while working Respect for the working area and resources</p>  <p>MUTUAL RESPECT</p>	<p>Sharing – resources Respect for each other while working Respect for the working area and resources</p>  <p>MUTUAL RESPECT</p>	<p>Sharing – resources Respect for each other while working Respect for the working area and resources</p>  <p>MUTUAL RESPECT</p>

Scheme of Learning	Carnival Floats – resistant Materials	Food skills	Textiles – pencil container
Knowledge	<ul style="list-style-type: none">Design skillsRendering (colouring)annotationUse of toolsMeasuring (use a ruler accurately)Using a coping sawConstruction skillsCombining materials 	<ul style="list-style-type: none">CuttingSlicingrubbing inkneadingRoastingBakingPreparation and clearing away of work areasApple crumbleVegetable Stir fryRoasted vegetables and couscousTomato SaucePizzaPineapple upside down cake	<ul style="list-style-type: none">Embellishment of material – dying skills batik, block printing and transfer printing.Construction of materials and weavingSewing machine skillsFabric construction skills 
Sequencing Statements/ Cross Curricular Learning	<ul style="list-style-type: none">MeasurementGraphicsPresentationAnnotationEvaluationUse of new toolsIntroduce new materials 	Extending and revising skill taught last year introducing new ingredients and recipes	<ul style="list-style-type: none">Build on basic sewing skills taught in Y5Use new skills to create a productMeasurementPlanningJoining
Enrichment Opportunities and British	Sharing – resources Respect for each other while working Respect for the working area and resources	Respect for the working area Mutual understanding and collaboration in preparation and clearing up the working area and resources	Respect for the working area Mutual understanding and collaboration in preparation and clearing up the working area and resources

Scheme of Learning	Graphics	Clocks	Board games
Knowledge	<ul style="list-style-type: none">Design skillsRendering (colouring)Drawing skills – perspective. OrthographicMeasuring skillsPresentation skillsLayout of designMaking a template 	<ul style="list-style-type: none">Design skillsEvaluation skills – star chart and final evaluationEvaluation skills – star chart and finalIntroducing new materials - AcrylicMarking outHand Cutting skills using a coping sawFinishing skillsDecoration – from paper templates to decoration of clockInserting a mechanism 	<ul style="list-style-type: none">Planning/schedulingSourcing materialsCollaborative workingDelegationExecution of each taskDecorative work/making playing pieces, cards, etcEvaluation in the form of verbal interaction with others by playing each others games 
Sequencing Statements/ Cross Curricular Learning	<ul style="list-style-type: none">MeasurementGraphicsPresentationAnnotationEvaluationUse of new toolsIntroduction ofMaking a template new materials	<ul style="list-style-type: none">PresentationMeasurementCostingsUse of new tools/materialsFinishing skillsEvaluation of designs and finished artefact	<ul style="list-style-type: none">PresentationMeasurementUse of new tools/materialsSelecting suitable materials – thinking about what has been used in past projects and will they work?Finishing skillsEvaluation of designs and finished artefact
Enrichment Opportunities and British Values	<p>Sharing – resources Respect for each other while working Respect for the working area and resources</p>  <p>MUTUAL RESPECT</p>	<p>Sharing – resources Respect for each other while working Respect for the working area and resources</p>  <p>MUTUAL RESPECT</p>	<p>Sharing – resources Respect for each other while working Respect for the working area and resources</p>  <p>MUTUAL RESPECT</p>

Scheme of Learning	Jig Saw puzzle/structures	Picture frame/hats (structures)	Smart Materials
Knowledge	<ul style="list-style-type: none"> Design skills Rendering (colouring) Presentation skills Measuring skills Layout of design evaluation Use of new tools – mitre saw develop use of scroll saw (Y6) Finishing 	<ul style="list-style-type: none"> Building on/revising skills using acrylic (clocks) Introduction to shaping using a line bending machine Thinking about structures and their uses looking at a variety of different one sin the built environment and creating miniature hats using paper Design skills Rendering Presentation skills Measuring skills cutting Layout of design evaluation 	<ul style="list-style-type: none"> Introduction to modern materials designed to meet specific needs and solve problems in the wider world. Use of polymorph to create a pencil topper Decoration of pencil topper Design skills Rendering (colouring) Presentation skills Layout of design evaluation 
Sequencing Statements/ Cross Curricular Learning	Building on previous skills taught since year 5 such as design, evaluation and making. Problem solving to make the frame of the box fit.	Revision of uses for acrylic and finishing techniques – also design, evaluation and making.	<ul style="list-style-type: none"> Thinking about how modern materials can solve problems in society. Building on previous skills that have been gained since Year 5 designing, following a brief etc
Enrichment Opportunities and British	Sharing – resources Respect for each other while working Respect for the working area and resources	Sharing – resources Respect for each other while working Respect for the working area and resources	Sharing – resources Respect for each other while working Respect for the working area and resources

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Sequencing Statements/ Cross Curricular Learning				
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MUTUAL RESPECT



**INDIVIDUAL
LIBERTY**



DEMOCRACY



THE RULE OF LAW



**TOLERANCE
OF THOSE WITH DIFFERENT
FAITHS AND BELIEFS**