



Art and Design Technology Long Term Plan

Art is expressing feelings and ideas creatively

DT is planning, designing and creating products





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Vision

At Oatlands Junior School, we aim to inspire in our pupils a lifelong curiosity through creative thinking and application. Through art and design technology lessons, our pupils are encouraged to be independent, inquisitive and imaginative. Pupils have the freedom to explore their ideas in a safe and specialist environment.

OJS Curriculum Threads

Our curriculum vision is based upon our knowledge of our pupils and community. Our three curriculum threads are:



- Provoke Curiosity
- Promote Equality and Diversity
- Embed Safe Behaviours

These threads are woven through each subject, alongside individual subject pedagogy, to ensure our learners benefit from a purposeful curriculum.

Fundamental British Values

- Democracy
- Rule of Law
- Individual Liberty
- Respect and Tolerance

The Art and Design Technology curriculum is inclusive and promotes respect, tolerance and appreciation of equality and diversity through their pedagogical approaches which includes being inspired by a wide variety of great artists and cultures. Pupils are encouraged to develop their own style and individuality through the topics in art and D.T. Pupils also have the opportunity to share beliefs and opinions through their artwork, thereby giving them a visual voice.

National Curriculum Aims

The national curriculum for **art** aims to ensure that all pupils:

- *produce creative work, exploring their ideas and recording their experiences*
- *become proficient in drawing, painting, sculpture and other art, craft and design techniques*
- *evaluate and analyse creative works using the language of art, craft and design*
- *know about great artists, craft makers and designers, and understand the historical and cultural development of their art forms.*



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The national curriculum for **design technology** aims to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

Planning and Resources

At OJS, we follow the National Curriculum as a foundation for our art planning. We then bespoke our planning by using access arts support documentations. Art and D.T is taught in 2 blocks across the year by a specialist art and design technology teacher. Design technology is taught on a 2 year rolling programme. Our close links with Oatlands Infants School and our local secondary schools ensure that our art and design technology curriculum is both fluid and progressive.

Wider Offer

In art and design technology, our wider offer within the school day is: competitions, specialist visitors, collaborative projects with the wider community such as Artizan, art clubs and visits to local galleries and exhibitions. We celebrate art and design technology through weekly Achievement Awards, Scarth's Celebrations, Oatlands Points, as well as celebrating national events such as World Art Day.

Pupil Voice Groups

Through the pupil voice groups, Arts Committee, School Council and our House Captains, we gather pupil feedback about art and design technology when monitoring and evaluating our art and design technology curriculum offer.

Links to other documents:

- Curriculum Handbook
- OJS Passport
- Teaching and Learning Policy
- Assessment and Reporting policy
- Key Knowledge Progression

Autumn 1

Autumn 2

Spring 1

Spring 2

Summer 1

Summer 2



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Year 3

Art – Mark Making including printmaking.

Key Learning Objectives

to create sketch books to record their observations and use them to review and revisit ideas

to improve their mastery of art and design techniques, including drawing and printmaking.

Learn about great artists

Mark Making - Explore line, shape, colour and tone. Use hands, mouths and feet to create marks.
Observational drawings using a range of different mediums. Including printmaking.

Look at a wide range of artists to inform discussions, including artists who draw with their mouths and feet.

Reflect on print work by Xgaoc'o X'are.

Develop personal sketchbooks.

Key Vocabulary

Textiles – Design and Make an Applique cushion.

Mechanical Systems – Moving Story Book

Key Learning Objectives

Research, design and make a cross stitch and applique cushion. Develop technical knowledge of joining fabrics and attaching detailing.

Mechanical Systems.

Research, design and make an interactive, moving story book, (Rainforests). Include sliders, levers, wheels and axles. Evaluate and explain how their product can move.

Key Vocabulary

Design, product, purpose, function, design criteria, annotate, aesthetic, fabric, applique, embellish, evaluate
-
Sliders, levers, cams, system, components, strength, linkages

Art – Using Natural Materials to Make Images

Key Learning Objectives

to create sketch books to record their observations and use them to review and revisit ideas

to improve their mastery of art and design techniques, including sculpture and painting

Learn about great artists

Explore prehistoric art - make their own pigments from natural materials such as rocks, vegetables, flowers etc, and use them to create prehistoric inspired artworks.

Land art – Understand what land art is, looking at the works of different land artists, what they use and where they construct their work dependant on several factors including geographical elements such as location and climate. What message, if any, do these artists convey through their artwork? In groups, design (can be verbal), construct and photograph land art within the school grounds considering these factors.

Structures – Building Castles

Digital world and Food – Product design and packaging

Key Learning Objectives

Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed

Research and design a new healthy food product from a given brief. Research ingredients and develop a recipe. Design appropriate packaging and develop a unique logo for their product before preparing and cooking their product.

Key Vocabulary

- Food, hygiene, ingredients, recipe, healthy, unhealthy, harvest, seasonal, grow, produce, logo, unique, packaging, nutritional information, computer aided design (CAD).

Wider Offer

- Visitor – What makes a new product desirable?

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Elements, line, shape, colour, tone, texture, brayer, relief, print, press

Curriculum Threads



Look at a range of artists' work both current and historical. Considering how marks can be created with other areas of the body including hands, feet and mouths (MFPA).



Explore a range of mediums following their own curiosities and give time to explore their own creative ideas.



Use brushes sensibly when using mouths to make marks.

Curriculum Threads



Look at a range of designers/makers.



Explore how mechanical systems work / fabrics are joined.



Using resources including split pins, needles, fabric scissors and pins safely.

British Values

Individual liberty through the multiple personal choices that is essential to creativity and design

Develop personal sketchbooks.

Key Vocabulary

Natural Pigments, Dye, Background, Fabric, Negative, Positive, Light, Dark, Elements, Pattern, Form

Wider Offer

- Working outdoors

Curriculum Threads



Discover how pigments are made around the world both current and historically. Research land artists locally and globally.



Develop their own pigments from a range of local sources.

Curriculum Threads



Explore diverse eating choices/religious requirements including vegetarian/vegan/halal/etc



Visitor – What makes a new product desirable?



e-safety / using a kitchen and preparing food safely. Safe use of tools.

British Values


Individual liberty through the multiple personal choices that is essential to creativity



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	British Values Individual liberty through the multiple personal choices that is essential to creativity Respect and Tolerance of our own and others' differences		 Safe use of natural products, water temperature and ingestion safety during the making process. British Values Individual liberty through the multiple personal choices that is essential to creativity	Rule of law – discussions about the laws of food preparation, allergies and selling produce to the public.		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4	<u>Abstract and Realism – Collaborative Practice</u> Key Learning Objectives to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including drawing and painting with a range of materials including pencil, charcoal, paint. Learn about great artists	<u>Textiles – Design and Make an Applique cushion.</u> = <u>Mechanical Systems – Moving Story Book</u> Key Learning Objectives Research, design and make a cross stitch and applique cushion. Develop technical knowledge of joining fabrics and attaching detailing. - Mechanical Systems.	<u>Topic Title/ Key Question?</u> Key Learning Objectives Ceramics & Sculpture - Romans. Look at great artists through history into the current day. Explore different clays, (earthenware, stoneware, air dry clay, hand building clay, porcelain.), their properties and uses. Design and make a Roman inspired coil or pinch pot using red earthenware. These will be fired at 1120.	<u>Structures – Building Castles</u> = <u>Digital world and Food – Product design and packaging</u> Key Learning Objectives understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed Research and design a new healthy food product from a given brief. Research ingredients and develop a recipe. Design appropriate packaging and		

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Drawing and painting Skills - Elements of art. Develop mark making and observational drawings, still life and portraits including light and shadow.

Use different mediums including collage, a range of pencils, paints, charcoal, ink, oil pastels, coffee and tea stains, and using a variety of applicators including sticks, feathers, paintbrushes, etc to make a wide range of marks. Work on a collaborative piece of artwork. Create mini concertina sketchbooks from these explorations.

Develop personal sketchbooks.

Key Vocabulary

Collaboration, exploratory, quality of line, line weight, medium, composition, reflect, respond, articulate, juxtaposition, arrangement.

Curriculum Threads



Research, design and make an interactive, moving story book, (Rainforests). Include sliders, levers, wheels and axles. Evaluate and explain how their product can move.

Key Vocabulary

Design, product, purpose, function, design criteria, annotate, aesthetic, fabric, applique, embellish, evaluate -
 Sliders, levers, cams, system, components, strength, linkages

Curriculum Threads



Look at a range of designers/makers.



Design and make a sculpture to reflect their own interests and creativity; taking inspiration from other artists to feed into their own work. Develop joining and finishing techniques.

Develop personal sketchbooks.

Key Vocabulary

Character, personality, construct, prototype, analyse, fastening, joining, structure, sculpture,

Wider Offer

- Using a kiln to fire their work

Curriculum Threads



Exploring different clays – firing process transforming clay into pottery.



develop a unique logo for their product before preparing and cooking their product.

Key Vocabulary

- Food, hygiene, ingredients, recipe, healthy, unhealthy, harvest, seasonal, grow, produce, logo, unique, packaging, nutritional information, computer aided design (CAD).

Wider Offer

- Visitor – What makes a new product desirable?

Curriculum Threads







Explore diverse eating choices/religious requirements including vegetarian/vegan/halal/etc







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	 <p>Analyse a range of artists work from around the world, both current and historical. Working with other who may have different ideas.</p>		 <p>Explore how mechanical systems work / fabrics are joined.</p>		<p>Use tools safely to sculpt and manipulate clay</p>		<p>Visitor – What makes a new product desirable?</p>	
	 <p>Explore a range of mediums following their own curiosities and give time to explore their own creative ideas</p> <p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity and design</p>		<p>Using resources including split pins, needles, fabric scissors and pins safely.</p> <p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity and design</p>		<p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity and design</p>		 <p>e-safety / using a kitchen and preparing food safely. Safe use of tools.</p> <p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity</p> <p>Rule of law – discussions about the laws of food preparation, allergies and selling produce to the public.</p>	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2		
Year 5	<u>Watercolour Exploration and Expression</u> <p>Key Learning Objectives</p> <p>to create sketch books to record their observations and use them to review and revisit ideas</p>		<u>Design and upcycle an old garment</u> = <u>Electronical and Mechanical Systems – Game.</u> <p>Key Learning Objectives</p> <p>Research eco-conscious fashion designers. upcycle/ change / design and</p>		<u>Expressing Voice through Visual Art</u> <p>Key Learning Objectives</p> <p>to create sketch books to record their observations and use them to review and revisit ideas</p>		<u>Computer Aided Design</u> <u>Environmental Alternative Cooking</u> <p>Key Learning Objectives</p> <p>Digital World - Design for a purpose</p>	




















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	<p>to improve their mastery of art and design techniques, including painting.</p> <p>Learn about great artists</p> <p>Exploring watercolours. Investigate how watercolours have certain characteristics and can be used to create a wide range of marks, colours, tones etc. Develop mastery in this medium to inform their own inspired, creative watercolour artwork using high quality resources. Develop expression of themselves through their artwork.</p> <p>Develop personal sketchbooks.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Watercolour, wash, dry/wet techniques, complementary / harmonious / contrasting colour, value, intensity, graduated wash, charging, glazing, premixing, lifting, backrun, watercolour bead, bloom, accidental, deckle, dry brush <p>Curriculum Threads</p>	<p>develop a garment / t-shirt for a fashion show.</p> <p>-</p> <p>Electrical and Mechanical Systems</p> <p>Design and build a new electronic game designed to move and use electric circuits within the design.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Upcycle, fast fashion, slow fashion, global impact, <p>Wider Offer</p> <ul style="list-style-type: none"> Work in collaboration with local charity – fabrics and garments supplied from Harrogate St Michaels Hospice. Inviting parents and guardians in to work alongside the pupils on this project. <p>Curriculum Threads</p> <div data-bbox="705 1121 999 1212">    </div> <div data-bbox="705 1260 799 1353">  </div> <p>Look at a range of designers/makers</p>	<p>to improve their mastery of art and design techniques, including drawing and printmaking.</p> <p>Learn about great artists and designers</p> <p>Learn how some artists create art to express opinions, share important messages and highlight complex issues around the world. Consider why printing is a good way of sharing artists messages, and how images can be powerful. Develop collagraph and lino printmaking skills. These skills will then be used as a tool to convey and share an important message / personal passion of their choice through their artwork.</p> <p>Develop personal sketchbooks.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Activism, voice, message, community, zine, linocut, collagraph, transfer, relief, intaglio, assemble, precise <p>Wider Offer</p> <ul style="list-style-type: none"> Share their messages and opinions to a wider audience 	<p>3D CAD - Tinkercad – Design a straw rollercoaster</p> <p><u>How to Build a Straw Roller Coaster : 10 Steps (with Pictures) - Instructables</u></p> <p>-</p> <p>Cooking and nutrition - Design and make a meal using a haybox thermal cookers – considering eco-friendly alternative methods of cooking to reduce energy.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> CAD, visual concepts, rendering, simulation, programme, software, engineering, technological advances - Climate change, fossil fuels, innovation technologies, haybox, thermal cookers <p>Wider Offer</p> <ul style="list-style-type: none"> Visitors – SF Innovations workshop – promoting technologies and products which protect the environment and build resilience to climate change. <p>Curriculum Threads</p>
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    <p>Analyse a range of watercolour paintings by artists work globally, both current and historical.</p>  <p>Explore watercolours and be curious about how the medium can produce different effects. Google arts and culture, visit art galleries and discover artists and paintings from the classroom.</p> <p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity and design</p>	 <p>Explore the implications of fast fashion and the impact on the world.</p>  <p>using resources including needles, fabric scissors and pins safely.</p> <p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity and design</p> <p>Respect and Tolerance - Respecting the Earth and how our choices can impact others</p>	<p>through an online exhibition of works.</p> <p>Curriculum Threads</p>     <p>Opinions, complex issues and beliefs</p>  <p>Exploring own opinions, interests and complex issues</p>  <p>Safety when speaking out about our opinions and beliefs, is what we are sharing safe?</p> <p>British Values</p> <p>Respect and Tolerance - Respecting the opinions and beliefs of others.</p>	    <p>SF Innovations and their impact, links with sri Lanka and how these methods are being used in low income families across the globe.</p>  <p>Discovering alternative eco-friendly cooking methods</p>  <p>ensuring food safety, including making sure food is thoroughly cooked using alternative methods. Safety when handling hot food.</p> <p>British Values</p> <p>Individual liberty through the multiple personal choices that is essential to creativity</p>
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				Individual liberty through the multiple personal choices that is essential to creativity and design Individual liberty through sharing their individual opinions through their artwork Democracy – discussion about freedom of expression and what this means in art	Rule of law – discussions about the laws of food preparation, allergies and selling produce to the public.	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6	<u>Mosaics</u> Key Learning Objectives to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including drawing and sculpture (mosaic). Learn about great artists Use a mixture of mediums to create quick representations of the human	<u>Design and upcycle an old garment</u> - <u>Electronical and Mechanical Systems – Game.</u> Key Learning Objectives Research eco-conscious fashion designers. upcycle/ change / design and develop a garment / t-shirt for a fashion show. - Electrical and Mechanical Systems	<u>Ceramics – Sculpture</u> Key Learning Objectives to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including drawing and sculpture including clay. Learn about great artists and designers Explore different clays and what they are used for. Explore pottery and it’s uses, including decorative.	<u>Computer Aided Design</u> <u>Environmental Alternative Cooking</u> Key Learning Objectives Digital World - Design for a purpose 3D CAD - Tinkercad – Design a straw rollercoaster <u>How to Build a Straw Roller Coaster : 10 Steps (with Pictures) - Instructables</u> - Cooking and nutrition - Design and make a meal using a haybox thermal cookers – considering eco-friendly		

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<p>form. Including ripped sugar paper, pencils, chalks, graphite blocks, charcoal.</p> <p>Mosaics - Artizan members (6 weeks with Artizan)</p> <p>Design and create mosaics as a cohort, working collaboratively on whole pieces, supported by adults with different abilities.</p> <p>Develop personal sketchbooks.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Mosaic, grout, tessellate, nippers, disability, differently abled, collaboration <p>Wider Offer</p> <ul style="list-style-type: none"> Working with members of the wider community – Artizan. <p>Curriculum Threads</p> 	<p>Design and build a new electronic game designed to move and use electric circuits within the design.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Upcycle, fast fashion, slow fashion, global impact, <p>Wider Offer</p> <ul style="list-style-type: none"> Work in collaboration with local charity – fabrics and garments supplied from Harrogate St Michaels Hospice. Inviting parents and guardians in to work alongside the pupils on this project. <p>Curriculum Threads</p>  <p> Look at a range of designers/makers</p>	<p>From a given brief, design and make a ceramic sculpture. Develop prototypes using plasticine/playdough to inform designs.</p> <p>Discuss and select the appropriate clay for their sculpture, hand building clay for this project. Develop mastery of using clay and develop technical skills including joining and burnishing as sculptures will be fired but not glazed.</p> <p>Develop personal sketchbooks.</p> <p>Key Vocabulary</p> <p>Hand building, joining, burnishing, decorative,</p> <p>Wider Offer</p> <ul style="list-style-type: none"> Using a kiln to fire their work <p>Curriculum Threads</p> 	<p>alternative methods of cooking to reduce energy.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> CAD, visual concepts, rendering, simulation, programme, software, engineering, technological advances - Climate change, fossil fuels, innovation technologies, haybox, thermal cookers <p>Wider Offer</p> <ul style="list-style-type: none"> Visitors – SF Innovations workshop – promoting technologies and products which protect the environment and build resilience to climate change. <p>Curriculum Threads</p>  <p> SF Innovations and their impact, links with sri Lanka and how</p>
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Working with members of Artizan promoting equality and diversity, giving opportunities for pupils to work alongside adults with different needs within our local community. Experiencing first hand the diverse and inclusive



Opportunities to be naturally curious and asking questions surrounding disability. (Booklet from Artizan highlighting these, shared with class teachers to discuss in class in between Artizan sessions.).



Safe use of mosaic cutters, sharp edges of tiles and learning how to be careful when using new tools.

British Values

Individual liberty through the multiple personal choices that is essential to creativity



Explore and being curious about the implications of fast fashion and the impact on the world.



using resources including needles, fabric scissors and pins safely.

British Values

Individual liberty through the multiple personal choices that is essential to creativity and design

Respect and Tolerance - Respecting the Earth and how our choices can impact others



Explore a variety of clays and fire their work in a kiln.



Using ceramic tools correctly and safely.

British Values

Individual liberty through the multiple personal choices that is essential to creativity and design

these methods are being used in low income families across the globe.

Thread 2 Exploring alternative eco-friendly cooking methods



Exploring Tinkercad programme to develop their own designs onto a computer



ensuring food safety, including making sure food is thoroughly cooked using alternative methods. Safety when handling hot food.

British Values

Individual liberty through the multiple personal choices that is essential to creativity

Rule of law – discussions about the laws of food preparation, allergies and selling produce to the public.



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	Respect and Tolerance of our own and others' differences			
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