|  | EYFS area linked to subject... | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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|  |  | Make your mark | Map it out | A growing artist | Ancient Egyptian | I need space /Make my voice heard |  |
| Drawing | EYFS-Skills-and- <br> Progression-Map-2023- <br> 006.pdf (moorside- <br> academy.co.uk) | Hold and use drawing tools in different ways to create different lines and marks. <br> Create marks by responding to different stimulus such as music as a group. <br> Overlap shapes to create new ones. <br> Use mark making to replicate texture. <br> Look carefully to make an observational drawing. <br> Complete a continuous line drawing. | Create marks by using a map as a stimulus for drawing (draw a familiar journey <br> Overlap shapes to create new ones. | Use shapes identified within in objects as a method to draw. <br> Create tone by shading. Achieve even tones when shading. <br> Make texture rubbings. <br> Create art from textured paper. <br> Hold and use a pencil to shade. <br> Tear and shape paper. <br> Use paper shapes to create a drawing. <br> Use drawing tools to take a rubbing. <br> Make careful observations to accurately draw an object. <br> Create abstract compositions to draw more expressively. <br> PP <br> Use pencils of different grades to shade and add tone. | xx | Analyse an image that considers impact, audience and purpose. <br> Draw the same image in different ways with different materials and techniques. <br> Make a collagraph plate. <br> Make a collagraph print. <br> Develop drawn ideas for a print. <br> Combine techniques to create a final composition. <br> Decide what materials and tools to use based on experience and knowledge. <br> MMVH <br> Use symbolism as a way to create imagery. <br> Combine imagery into unique compositions. <br> Achieve the tonal technique called chiaroscuro. <br> Make handmade tools to draw with. | xx |


|  |  |  |  | Hold a pencil with varying pressure to create different marks. <br> Use observation and sketch objects quickly. <br> Draw objects in proportion to each other. <br> Use charcoal and a rubber to draw tone. <br> Use scissors and paper as a method to 'draw'. <br> Make choices about arranging cut elements to create a composition. <br> Create a wax resist background. <br> Use different tools to scratch into a painted surface to add contrast and pattern. <br> Choose a section of a drawing to recreate as a print. <br> Create a monoprint. |  | Use charcoal to create chiaroscuro effects |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Colour splash/Life in colour |  | Light and dark | Portraits |  |
| Painting and mixed media |  | xx | Combine primary coloured materials to make secondary colours. <br> Mix secondary colours in paint. | xx | Mix a tint and a shade by adding black or white. <br> Use tints and shades of a colour to create a 3D effect when painting. | Develop a drawing into a painting. <br> Create a drawing using text as lines and tone. | xx |


|  |  |  | Choose suitable sized paint brushes． <br> Clean a paintbrush to change colours． <br> Print with objects，applying a suitable layer of paint to the printing surface． Overlap paint to mix new colours． <br> Use blowing to create a paint effect． <br> Make a paint colour darker or lighter（creating shades） in different ways eg．adding water，adding a lighter colour． <br> LIC <br> Mix a variety of shades of a secondary colour． <br> Make choices about amounts of paint to use when mixing a particular colour． <br> Match colours seen around them． <br> Create texture using different painting tools． <br> Make textured paper to use in a collage． <br> Choose and shape collage materials eg cutting， tearing． <br> Compose a collage， arranging and overlapping |  | Apply paint using different techniques eg． stippling，dabbing， washing． <br> Choose suitable painting tools． <br> Arrange objects to create a still life composition． <br> Plan a painting by drawing first． <br> Organise painting equipment independently，making choices about tools and materials． | Experiment with materials and create different backgrounds to draw onto． <br> Use a photograph as a starting point for a mixed－media artwork． <br> Take an interesting portrait photograph， exploring different angles． <br> Adapt an image to create a new one． <br> Combine materials to create an effect． <br> Choose colours to represent an idea or atmosphere． <br> Develop a final composition from sketchbook ideas． |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



|  |  | Use hands in different ways as a tool to manipulate clay. <br> Use clay tools to score clay. |  |  |  |  | folding, bending, ripping). <br> Manipulate cardboard to create different textures. <br> Make a cardboard relief sculpture. <br> Make visual notes to generate ideas for a final piece. <br> Translate ideas into sculptural forms |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Map it out |  | Ancient Egyptian scrolls/ Fabric of nature |  | Photo opportunity |
| Craft and Design |  | xx | Draw a map to illustrate a journey. <br> Separate wool fibres ready to make felt. <br> Lay wool fibres in opposite directions to make felt. <br> Roll and squeeze the felt to make the fibres stick together. <br> Add details to felt by twisting small amounts of wool. <br> Choose which parts of their drawn map to represent in their 'stained glass'. <br> Overlap cellophane/tissue to create new colours. <br> Draw a design onto a printing polystyrene tile without pushing the pencil right through the surface. | xx | Use a sketchbook to research a subject using different techniques and materials to present ideas. <br> Construct a new paper material using paper, water and glue <br> Use symbols to reflect both literal and figurative ideas. <br> Produce and select an effective final design. <br> Make a scroll. <br> Make a zine. <br> Use a zine to present information. <br> FN <br> Select imagery and use as inspiration for a design project. | xx | Create a photomontage. <br> Create artwork for a design brief. Use a camera or tablet for photography. <br> Identify the parts of a camera. <br> Take a macro photo, choosing an interesting composition. <br> Manipulate a photograph using photo editing tools. <br> Use drama and props to recreate imagery. <br> Take a portrait photograph. <br> Use a grid method to copy a photograph into a drawing. |


|  |  |  | Apply paint or ink using a printing roller. <br> Smooth a printing tile evenly to transfer an image. <br> Try out a variety of ideas for adapting prints into 2D or 3D artworks. |  | To know how to make a mood board. <br> Recognise a theme and develop colour palettes using selected imagery and drawings. <br> Draw small sections of one image to docs on colours and texture. <br> Develop observational drawings into shapes and pattern for design. <br> Transfer a design using a tracing method. <br> Make a repeating pattern tile using cut and torn paper shapes. <br> Use glue as an alternative batik technique to create patterns on fabric. <br> Use materials, like glue, in different ways depending on the desired effect. <br> Paint on fabric. <br> Wash fabric to remove glue to finish a decorative fabric piece |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Knowledge of artists |  | Throughout Art and Design children will learn that; <br> Some artists are influenced by things happening around them. | Throughout Art and Design children will learn that; <br> Some artists are influenced by things happening around them. | Art from the past can give us clues about what it was like to live at that time. <br> The meanings we take from art made in the past are | Art from the past can give us clues about what it was like to live at that time. <br> The meanings we take from art made in the | Artists are influenced by what is going on around them; for example culture, politics and technology. | Artists are influenced by what is going on around them; for example culture, politics and technology. |

Some artists create art
make people aware of good and bad things happening in the world around them.

Sometimes artists concentrate on how they are making something rather than what they make.

Artists living in different places at different times can be inspired by similar ideas or stories.

Art can be figurative or abstract.

Artists choose materials that suit what they want to make.

Illustrators use drawn lines to show how characters feel.

Artists try out different combinations of collage materials to create the effect they want.

Artists can use the same material (felt) to make 2D or 3D artworks.

Artists and designers can create work to match a set of requirements; a 'brief' or 'commission'.

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Designers can make beautiful things to try and improve people's everyday lives.

How and where art is displayed has an effect on how people interpret it.

Artists have different materials available to them depending on when they live in history. Artists can make Artists can make
their own tools.

Artists experiment with different tools and materials to create texture.

Artists can work in more than one medium.

Artist make decisions about how their work will be displayed.

Artists choose what oo include in a composition, considering both what looks good together and any message they want to communicate

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Designers collect visual ideas from a wide range of sources, sometimes collecting these as a mood board.

Artists 'borrow' ideas and imagery from other times and cultures to create new artworks.

How an artwork is interpreted will depend on the life experiences of the person looking at it.

Artists can use symbols in their artwork to convey meaning.

Sometimes artists add extra meaning to what they create by working in places where they don't have permission to work.

Artists use selfportraits to represent important things about themselves.

Artists create works that make us question our beliefs.

Artists find inspiration in other artist's work, adapting and interpreting ideas and techniques to create something new.

Art can be a form of protest.

Artists use art to tell stories about things
that are important to

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|  |  |  |  |  |  | made objects to create 'assemblage'. <br> Artforms are always evolving as materials and techniques change over time. | objects to create 'assemblage'. <br> Artforms are always evolving as materials and techniques change over time. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Evaluating <br> and <br> analysing |  | Describe and compare features of their own and others' artwork. <br> Evaluate art with an understanding of how art can be varied and made in different ways and by different people. <br> Explain their ideas and opinions about their own and others' artwork, beginning to recognise the stories and messages within and showing an understanding of why they may have made it. <br> Begin to talk about how they could improve their own work. Talk about how art is made. | Describe and compare features of their own and others' artwork. <br> Evaluate art with an understanding of how art can be varied and made in different ways and by different people. <br> Explain their ideas and opinions about their own and others' artwork, beginning to recognise the stories and messages within and showing an understanding of why they may have made it. <br> Begin to talk about how they could improve their own work. Talk about how art is made. | Confidently explain their ideas and opinions about their own and others' artwork, with an understanding of the breadth of what art can be and that there are many ways to make art. <br> Discuss and begin to interpret meaning and purpose of artwork, understanding how artists can use art to communicate. <br> Begin to carry out a problem-solving process and make changes to improve their work. <br> Use more complex vocabulary when discussing their own and others' art. <br> Discuss art considering how it can affect the lives of the viewers or users of the piece. <br> Evaluate their work more regularly and | Confidently explain their ideas and opinions about their own and others' artwork, with an understanding of the breadth of what art can be and that there are many ways to make art. <br> Discuss and begin to interpret meaning and purpose of artwork, understanding how artists can use art to communicate. <br> Begin to carry out a problem-solving process and make changes to improve their work. Use more complex vocabulary when discussing their own and others' art. <br> Discuss art considering how it can affect the lives of the viewers or users of the piece. <br> Evaluate their work more regularly and independently during the planning and making process. | Discuss the processes used by themselves and by other artists, and describe the particular outcome achieved. <br> Consider how effectively pieces of art express emotion and encourage the viewer to question their own ideas <br> Explain how art can be created to cause reaction and impact and be able to consider why an artist chooses to use art in this way. <br> Independently use their knowledge of tools, materials and processes to try alternative solutions and make improvements to their work which takes account of context and intention. | Discuss the processes used by themselves and by other artists, and describe the particular outcome achieved. <br> Consider how effectively pieces of art express emotion and encourage the viewer to question their own ideas <br> Explain how art can be created to cause reaction and impact and be able to consider why an artist chooses to use art in this way. <br> Independently use their knowledge of tools, materials and processes to try alternative solutions and make improvements to their work which takes account of context and intention. |

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|  | EYFS area linked to subject... | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Structures |  |  |  |  |  |  |
|  |  | Constructing a windmill | Baby bear's chair | Constructing a castle | Pavilions |  | Playgrounds |
| Design | EYFS-Skills-and- <br> Progression-Map-2023- <br> 006.pdf (moorside- <br> academy.co.uk) | Learning the importance of a clear design criteria including individual preferences and requirements in a design. | Generate and communicate ideas using sketching and modelling. <br> Learning about different types of structures, found in natural world and in everyday objects. | Designing a castle with key features to appeal to a specific person/purpose. <br> Drawing and labelling a castle design using 2D shapes, labelling: the 3D shapes that will create the features materials needed and colours. <br> Designing and/or decorating a castle tower on CAD software. | Designing a stable pavilion structure that is aesthetically pleasing and selecting materials to create a desired effect. <br> Building frame structures designed to support weight. | xx | Designing a playground featuring a variety of different structures, giving careful consideration to how the structures will be used, considering effective and ineffective designs |
| Make |  | Making stable structures from card, tape and glue. <br> Learning how to turn 2D nets into 3D structures. <br> Following instructions to cut and assemble the supporting structure of a windmill. <br> Making functioning turbines and axles which are assembled into a main supporting structure. | Making a structure according to design criteria. <br> Creating joints and structures from paper/card and tape. <br> Building a strong and stiff structure by folding paper. | Constructing a range of 3D geometric shapes using nets. <br> Creating special features for individual designs. <br> Making facades from a range of recycled materials. | Creating a range of different shaped frame structures. <br> Making a variety of free standing frame structures of different shapes and sizes. <br> Selecting appropriate materials to build a strong structure and cladding. <br> Reinforcing corners to strengthen a structure. <br> Creating a design in accordance with a plan. <br> Learning to create different textural effects with materials. | xx | Building a range of play apparatus structures drawing upon new and prior knowledge of structures. <br> Measuring, marking and cutting wood to create a range of structures. <br> Using a range of materials to reinforce and add decoration to structures. |


| Evaluate |  | Evaluating a windmill according to the design criteria, testing whether the structure is strong and stable and altering it if it isn't. <br> Suggest points for improvements | Exploring the features of structures. <br> Comparing the stability of different shapes. <br> Testing the strength of own structures. <br> Identifying the weakest part of a structure. <br> Evaluating the strength, stiffness and stability of own structure. | Evaluating own work and the work of others based on the aesthetic of the finished product and in comparison to the original design. Suggesting points for modification of the individual designs. | Evaluating structures made by the class. <br> Describing what characteristics of a design and construction made it the most effective. <br> Considering effective and ineffective designs | xx | Improving a design plan based on peer evaluation. <br> Testing and adapting a design to improve it as it is developed. Identifying what makes a successful structure. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Technical Knowledge |  | To understand that the shape of materials can be changed to improve the strength and stiffness of structures. <br> To understand that cylinders are a strong type of structure (e.g. the main shape used for windmills and lighthouses). <br> To understand that axles are used in structures and mechanisms to make parts turn in a circle. <br> To begin to understand that different structures are used for different purposes. <br> To know that a structure is something that has been made and put together. | To know that shapes and structures with wide, flat bases or legs are the most stable. <br> To understand that the shape of a structure affects its strength. <br> To know that materials can be manipulated to improve strength and stiffness. <br> To know that a structure is something which has been formed or made from parts. <br> To know that a 'stable' structure is one which is firmly fixed and unlikely to change or move. <br> To know that a 'strong' structure is one which does not break easily. <br> To know that a 'stiff' structure or material is | To understand that wide and flat based objects are more stable. <br> To understand the importance of strength and stiffness in structures | To understand what a frame structure is. <br> To know that a 'freestanding' structure is one which can stand on its own. | xx | To know that structures can be strengthened by manipulating materials and shapes. |




|  |  |  |  |  |  | that the nutritional value of a recipe alters if you remove, substitute or add additional ingredients. <br> Writing an amended method for a recipe to incorporate the relevant changes to ingredients. <br> Designing appealing packaging to reflect a recipe. Researching existing recipes to inform ingredient choices. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Make |  | Chopping fruit and vegetables safely to make a smoothie. <br> Juicing fruits safely to make a smoothie. | xx | Following the instructions within a recipe. <br> Tasting seasonal ingredients. <br> Selecting seasonal ingredients. <br> Peeling ingredients safely. <br> Cutting safely with a vegetable knife. | xx | Cutting and preparing vegetables safely. <br> Using equipment safely, including knives, hot pans and hobs. <br> Knowing how to avoid cross-contamination. <br> Following a step by step method carefully to make a recipe. | xx |
| Evaluate |  | Tasting and evaluating different food combinations. <br> Describing appearance, smell and taste. <br> Suggesting information to be included on packaging. <br> Comparing their own smoothie with someone else's. | xx | Establishing and using design criteria to help test and review dishes. <br> Describing the benefits of seasonal fruits and vegetables and the impact on the environment. <br> Suggesting points for improvement when making a seasonal tart. | xx | Identifying the nutritional differences between different products and recipes. <br> Identifying and describing healthy benefits of food groups | Xx |



| Evaluate | Reflecting on a finished product, explaining likes and dislikes. | xx | xx | xx | xx | Reflecting on their work continually throughout the design, make and evaluate process. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Electrical Systems (KS2 only) |  |  |  |  |  |  |
|  |  |  |  | Torches | Doodlers |  |
| Design | xx | xx | xx | Designing a torch, giving, consideration to the target audience and creating both design and success criteria focusing on features of individual design ideas. | Identifying factors that could be changed on existing products and explaining how these would alter the form and function of the product. <br> Developing design criteria based on findings from investigating existing products. <br> Developing design criteria that clarifies the target user. | xx |
| Make | xx | xx | xx | Making a torch with a working electrical circuit and switch. <br> Using appropriate equipment to cut and attach materials. <br> Assembling a torch according to the design and success criteria. | Altering a product's form and function by tinkering with its configuration. <br> Making a functional series circuit, incorporating a motor. <br> Constructing a product with consideration for the design criteria. Breaking down the construction process into steps so that others can make the product. | xx |
| Evaluate | xx | xx | xx | Evaluating electrical products. | Carry out a product analysis to look at the purpose of a product along with its | xx |


|  |  |  |  |  | Testing and evaluating the success of a final product. | strengths and weaknesses. <br> Determining which parts of a product affect its function and which parts affect its form. <br> Analysing whether changes in configuration positively or negatively affect an existing product. <br> Peer evaluating a set of instructions to build a product |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Technical knowledge |  | xx | xx | xx | To understand that electrical conductors are materials which electricity can pass through. <br> To understand that electrical insulators are materials which electricity cannot pass through. <br> To know that a battery contains stored electricity that can be used to power products. <br> To know that an electrical circuit must be complete for electricity to flow. <br> To know that a switch can be used to complete and break an electrical circuit. | To know that series circuits only have one direction for the electricity to flow. <br> To know when there is a break in a series circuit, all components turn off. <br> To know that an electric motor converts electrical energy into rotational movement, causing the motor's axle to spin. <br> To know a motorised product is one which uses a motor to function. | xx |




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| Technical knowledge |  | xx | xx | To understand that, in programming, a 'loop' is code that repeats something again and again until stopped. <br> To know that a micro:bit is a pocketsized, codeable computer. <br> To know that a simulator is able to replicate the functions of an existing piece of technology. | xx | xx | To know that accelerometers can detect movement. <br> To understand that sensors can be useful in products as they mean the product can function without human input. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

