

Year 3 Autumn

ART

- Understand how to create an expressionist drawing using different shading techniques
- Artists architects and designers who use the different studied movements and techniques in their work
- Explore shading techniques using pencils, chalk, pastels or charcoal
- Explore how to show light and dark in work
- Explore the ways shading can be used to develop texture to a drawing
- Explore drawing geometric and irregular shapes
- Use sketchbooks to plan work and develop ideas and techniques
- Discuss own and others work expressing thoughts add feelings and using knowledge and understanding of artists and techniques

SCIENCE

Rocks

- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- Describe in simple terms how fossils are formed when things that have lived are trapped within a rock
- Recognise that soils are made from rocks and organic matter

Light

- Recognise that they need light in order to see things and that dark is the absence of light
- Notice that light is reflected from surface
- Recognises that the light from the sun can be dangerous and that there are ways to protect their eyes
- Recognise that shadows are formed when the light from a source is blocked by an opaque object
- Find patterns in the way that the size of shadows change

Planning and predicting

- Respond to suggestions. With help, put forward ideas about testing
- With help consider what constitutes a fair test including variables

Investigating and observing

- Make observations and comparisons
- Measure length and time in standard measuring equipment
- Use first hand experience and simple information sources to answer questions
- Ask relevant questions and suggest ways to answer these in tests
- Set up simple practical enquiries, comparative and fair tests
- Make observations using standard unity, scaled measures, using a range of equipment, including thermometers and dat bloggers

Recording, analysing and evaluating

- With help identify simple patterns and suggest explanations
- Use results to draw simple conclusions , make predictions for new values, suggest improvements and raise further questions
- Use results and information presented to compare amounts
- Identify differences, similarities or changes related to simple scientific ideas and processes
- Se of appropriate secondary sources to answer questions they may have

Maths in science

- Use year 3 scientific vocabulary to discuss ideas and communicate findings
- Year 3 - kg/l/ml, longer and shorter, quicker and faster

GEOGRAPHY

Human and physical geography

- Describe and understand key aspects of: volcanoes and earthquakes, human geography including types of settlement and land use
- Identify human and physical features that have impacted where humans have settled
- Identify the similarities and differences between human and physical geography and how these may change

HISTORY

- Changes in Britain from the Stone Age to the Iron Age
- Develop understanding of chronology within and across time periods studied
- Can compare similarities and differences between different time periods and artefacts
- Use of historical terminology and vocabulary appropriate to the period of history studied
- Can use a variety of sources to find out about aspects of the past
- Can understand how different sources show the past

DT

- Understand the stages of the design process
- Create a textile using simple stitches or fabric glue

Design

- Use knowledge of existing products to design their own functional product
- Create designs using annotated sketches, cross sections diagrams and simple computer programmes
- Use of technology to assist in designing a product

Evaluate

- Investigate and analyse existing products and those they have made, considering a wide range of factors
- Evaluate the effectiveness of their product and prototypes against simple design criteria

Make

- Safely measure, mark out, cut, assemble an joint with some accuracy
- Cuts intricate shapes (including change of direction) with scissors
- Tie a bow

Textiles

- Colour fair using printing and dyeing techniques to create different textural effects
- Use a needle and thread to stitch effectively

PE

Games

- Autumn 1 - Rugby
- Autumn 2 - Netball or basketball

Strength and movement

- Autumn 1 - Athletics
- Autumn 2 - Dance

KEYNOTE

- Select a new slide layout
- Add a chart
- Add a border to an object including changing style, width and colour
- Add a shadow to an object to enhance its appearance including shadow type
- Add reflection to an object including changing the reflections opacity
- Understand how to use the opacity option for an object for purpose
- Make use of collaboration inviting others to work on the same document as you
- Export: access the export options to export you work into other formats for publishing purposes
- Share: use share to send work to others or upload it to another platform
- Access preset slide templates to create purposeful contact
- Use 'lock' to fix an object in position and 'unlock' to re-allow formatting
- Flip an object horizontally and vertically
- Rotate an object on canvas
- Arrange text or an objects position from back to front on the canvas
- Make use of finger shortcuts direct from the canvas, including both by tapping the canvas and an object table
- Merge selected cells using a finger shortcut by tapping the selection
- Chase the colour of a cell and alter its border

CHARTS

- Change preset colour themes
- Resize a chart
- Add. Title to the chart
- Add. A 'legend' to the chart
- Edit chart data by adding values to each theme
- Add a new theme
- Edit the appearance of a series
- Add axis labels

PAGES

- Change a documents background colour by selecting the page thumbnail on the left hand and then tap the format button
- Access templates for a purposeful design or book
- Export: access the export options to export your work into other formats of publishing purposes notable an EPUB

CLIPS

- Consider the framing of shots
- Understand and play the recording of a scene from different perspectives
- Sequence clips in a timeline
- Learn about aspect ratios and know how to toggle between them for different purposes
- Know how to apply the use of a grid overlay in camera to support in composing your frame
- Take and manipulate photos
- Explore techniques like leading lines and the rule of thirds to draw attention towards a focal point
- Learn how to turn the grid on in camera and use it as a guide
- Apply filter adjustments
- Find photo opportunities to add depth
- Take horizontal and vertical panoramic photos and know to rotate the iPad slowly in the direct of the arrow