Enquiry Organiser Spring 2, Cycle 1
Year One 2025

## Art and design

### Knowledge
*I know…*

- Pablo Picasso was a Spanish artist.
- He is not alive now.
- Picasso changed his style.
- He began with realistic drawings (e.g. Picasso when he was 18).
- Pencils can make different marks (hatch and scribble).

### Skills
*I can…*

- Use a pencil on a smaller scale
- Use pencils, crayons and pastels.
- Use hatching and scribbling
- Use drawing to share my ideas and experiences
- Infill a shape with a solid infill
- Link my own work to Pablo Picasso
- Describe similarities and differences e.g. Picasso at 18 and 25.

### Links back to
*I remember…*

- Van Gogh painted a sunflower (autumn).
- Red, yellow and blue are primary colours (autumn).
- Orange, purple and green are secondary colours (autumn).
- You add black to shade and white to tint (autumn).
- Painting a portrait of myself (Reception).
- His first portrait was realistic (at 18).
- Drawing a realistic portrait.

### Vocabulary:

**Drawing:** a picture made with a pencil, pen, or crayon rather than paint
**Hatching**: lines crossed parallel to show tone or shadow (see image).
**Infill:** fill a space
**Line:** a narrow continuous mark; the edge or contour of a shape.
**Outline:** a line by which an object or figure is or appears to be bordered.
**Pattern:** a decorative design, repeated or related parts.
**Realistic:** shows true to life
**Scale:** relative or equal size.
**Scribble:** basic strokes of pencil (see image)
**Shape:** the form of an object defined by outline.

### Images:

Picasso at 25 years (1907).

## Computing

### Knowledge
*I know…*

- An algorithm is a precise set of ordered steps that can be followed by a human or a computer to achieve a task.
- How to join commands together.
- A program is a set of ordered commands that can be run by a computer (Beebot) to complete a task.
- Debugging is finding and fixing a problem.

### Skills
*I can…*

- Find and use commands to use a sprite.
- Compare different programming tools.
- Use a start block
- Use more than one block, by joining them together.
- Change the value of a block and say what happens when I do.
- Show that a project can include more than one sprite
- Delete a sprite
- Create an algorithm for each of my sprites.
- Use my algorithm to create a program.

### Links back to
*I remember…*

- Using the Beebots
- Explaining what given commands will do.
- Acting out a given word.
- Combining commands to make a sequence.
- Planning a simple program.
- Finding more than one solution to a problem.
- How to stay safe online
- Using an iPad

### Vocabulary:

**Algorithm:** a precise set of ordered steps that can be followed by a human or a computer to achieve a task.
**Beebot:** a programable robot
**Block**: a movement
**Command**: a single instruction that can be used in a program to control a computer.
**Debugging:** finding and fixing a problem with a program.
**Program:** a set of ordered commands that can be run by a computer to complete a task.
**Run:** to action the commands in a program.
**Sprite:** the main characters of the project.
**Value**: the way to change a variable in a block.

### Images:

Progress is **knowing more** (knowledge), **remembering more** (links back to), **being able to do more** (skills)

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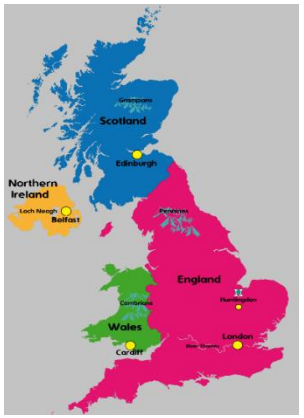
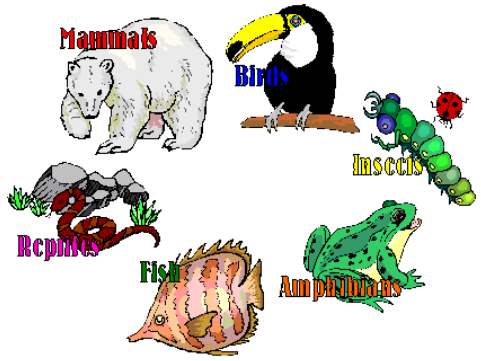
## Geography

| Knowledge<br>*I know…* | Skills<br>*I can…* | Links back to<br>*I remember…* |
|---|---|---|
| • The UK is made up of 4 countries (England, Northern Ireland, Scotland and Wales).<br>• The names of some of the UK capital cities<br>• Some landmarks from the UK countries<br>• Maps show where places are<br>• What an ariel photo shows | • Ask and answer simple geographical questions<br>• Make observations about where things are<br>• Use a map, atlas and globe to locate the UK<br>• Use photographs to recognise landmarks and human and physical features.<br>• Name countries and capital cities of the UK.<br>• Look at similarities and differences between places in the UK | • Investigating my school grounds (Reception).<br>• Walking to the library in Huntingdon (Reception).<br>• Huntingdon is in England (Autumn).<br>• There is a river in our community. This is a physical feature (Autumn).<br>• There are shops and houses in our community. These are human features (Autumn). |

| Vocabulary: | Images: |
|---|---|
| **Capital:** a city or town where the central government of the country is<br>**City:** a place that is larger than a town<br>**Town:** a built up area with a name, larger than a village and smaller than a city<br>**Country:** an area of land that has its own government<br>**Globe:** model of the earth<br>**Landmark:** human or physical feature which is well known in an area and can represent that place.<br>**Map:** a diagram to show where places are located and features of places.<br>**UK:** United Kingdom (England, Northern Ireland, Scotland and Wales) | <br>  |

## Science

| Knowledge<br>*I know…* | Skills<br>*I can…* | Links back to<br>*I remember…* |
|---|---|---|
| • Fish live in water and have gills and fins. They lay eggs.<br>• Amphibians live and on land and in water. They lay their eggs in water. They have cold blood.<br>• Birds live on land and have a beak, wings and feathers. They lay eggs.<br>• Mammals live in water or on land. They have a spine and fur or hair. They give birth.<br>• Reptiles live on land & water. They have scales and cold blood. They lay eggs on land. | • Group and classify animals<br>• To compare and group animals.<br>• Name and identify animals<br>• Describe the structure of common animals.<br>• Explore what animals eat. | • Humans are animals too (Autumn/Spring)<br>• Plants are eaten by humans (autumn)<br>• Chicks are birds/animals (Reception) |

| Vocabulary: | Images: |
|---|---|
| **Amphibians:** a cold-blooded animal, living on land and in water.<br>**Birds:** have a beak, wings and feathers. They lay eggs and live on land.<br>**Fish:** a cold-blooded animal with gills and fins living in water<br>**Mammals:** a warm-blooded animal with hair or fur, and (typically) the birth of live young.<br>**Pets:** a tamed animal kept for companionship or pleasure<br>**Reptiles:** a cold blooded animal with scales, living on land and in water. |  |

Progress is **knowing more** (knowledge), **remembering more** (links back to), **being able to do more** (skills)