

The following courses are available for either EYFS and KS1. Each of them will last approximately 2 hours.

eCological Creations

Curriculum links

Main EYFS areas

- Communication and Language
- Physical development
- Personal, social and emotional development
- Understanding the world
- Expressive Art and Design

Key stage 1 Art and design

- to use a range of materials creatively to design and make products
- to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination
- to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space
- about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.

Key stage 1 Design and Technology

- select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics
- evaluate their ideas and products against design criteria

Useful words

Art, land art, texture, sculpture, picture

Brief outline

- Pupils arrive and are asked to observe what is around them. Depending on the age/ability this can take the form of colour hunts, texture hunts, or pictures in the sky.
- They make their way to the base, where they are asked to create a piece of land art
- The class goes around and evaluates one another's work
- They finish off with another observational or sensory activity
- This activity can also be linked with "The Gruffalo" story

Powerful Plants

Curriculum links

Main EYFS areas

- Communication and Language
- Physical development
- Personal, social and emotional development
- Understanding the world

Year 1 Science:

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees.

Year 2 science

- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including microhabitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.
- observe and describe how seeds and bulbs grow into mature plants
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

Useful words

Growth, light, seeds, germination, water, living,

Brief outline

- The content of this course is season dependant, however it will focus on both trees and non woody plants.
- Pupils will be asked to observe plants around them and identify some of them.
- They will enact a drama about the things that plants need for growth, and consider the lifecycle of plants.
- They will explore the yearly cycle of trees and be introduced to variation in the tree species.
- They will use observational skills to identify shapes and/or tree species
- They will create something (season dependant) relating to tree and other plants.

Super Senses

Curriculum links

Main EYFS areas

- Communication and Language
- Physical development
- Personal, social and emotional development
- Understanding the world

Year 1 Science

- identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Useful words

Touch, texture, feeling, listening, noises, hearing, seeing, eyes, looking, smell, scent, odour, senses.

Brief outline

- Pupils will explore the environment around them using their senses.
- Activities can include (some will be season dependant)
 - Colour hunt
 - Texture hunt
 - Magic (smelly) potions
 - Listening to the trees
 - Music activity
 - Blindfold walk.

Sensational Stories

Curriculum links

This focuses on reading comprehension and spoken English

Main EYFS areas

- Communication and Language
- Physical development
- Personal, social and emotional development
- Literacy
- Understanding the world
- Expressive Art and Design

Useful words

Books, author, illustrator, writing, literature, story.

Brief outline

- Choose from popular books such as “The Gruffalo,” “Super Worm,” “The Story Of The Little Mole Who Knew It Was None Of His Business,” “We’re Going On A Bear Hunt,” “Owl Babies” “Stickman” and “The Very Hungry Caterpillar.”
- The story will form the central theme of an exploration of the woodlands
- This will include a walk, a creative activity, a sensory activity and more!

Mighty Minibeasts

Curriculum links

Main EYFS areas

- Communication and Language
- Physical development
- Personal, social and emotional development
- Understanding the world

Year 1 Science

- identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- identify and name a variety of common animals that are carnivores, herbivores and omnivores Science
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)

Year 2 Science

- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including microhabitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

Useful words

Minibeast, insect, spider, bug, invertebrate, habitat, adaptation

Brief outline

- Pupils will consider what animals and plant need in a habitat.
- They will explore the woodland floor looking for minibeasts
- These will be identified studied.
- All minibeasts will be released and we will discuss why we return everything to how it was – considering further the needs of the animals.
- In addition, minibeast games will be used to begin/finish the activity.

Awesome Algorithms

Curriculum links

English Curriculum (giving and following instructions) and

KS1 Computing:

- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- create and debug simple programs
- use logical reasoning to predict the behaviour of simple programs

Useful words

Algorithms, instructions, debugging, flow chart,

Brief outline

- Pupils will consider the role of giving instructions and how important their communication is.
- They will take turns to give, and be given instructions in different situation, for example whilst blindfolded
- Fore Year 2 this can be linked with minibeast hunting and creating/using keys.

Magnificent Maths

Curriculum links

Main EYFS areas

- Communication and Language
- Physical development
- Mathematics

This focuses on aspects of geometry – position and direction, geometry properties of shapes, measurement and number.

Useful words

Number, counting, division, addition, multiplication, fewer, more, subtraction

Brief outline

- Using the environment aspects of maths will be explored
- This is particularly age/ability dependant
- Examples of activities may include
 - Shape matching
 - Aging a tree using girth
 - Minibeast maths
 - Basic map work and creating directions
 - Creating 2D and 3 D shapes and exploring their properties.