

WINGS, STINGS & WRIGGLY THING!

RATIONALE: Explore our spectacular school grounds and discover the creatures that make it their home. Children will construct food chains for a local habitat and consider the effect of natural and human-led changes on the school grounds and other environments.

In this science driven topic focussing on mini beasts, practical first hand experiences will inspire children's curiosity about their local environment and the creatures that live there.

Science Driver: Living things and their habitats

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things

Animals including humans

- construct and interpret a variety of food chains, identifying producers, predators and prey

Pupils should use the local environment throughout the year to raise and answer questions that help them to identify and study plants and animals in their habitat. They should identify how the habitat changes throughout the year. Pupils should explore possible ways of grouping a wide selection of living things that include animals, flowering plants and non-flowering plants. Pupils could begin to put vertebrate animals into groups, for example: fish, amphibians, reptiles, birds, and mammals; and invertebrates into snails and slugs, worms, spiders, and insects.

Note: plants can be grouped into categories such as flowering plants (including grasses) and non-flowering plants, for example ferns and mosses.

Pupils should explore examples of human impact (both positive and negative) on environments, for example, the positive effects of nature reserves, ecologically planned parks, or garden ponds, and the negative effects of population and development, litter or deforestation.

Outdoor PE: Swimming on Tuesday and Thursday

Indoor PE: Athletics

Year 4: Summer 1 Term

RE
Christian miracle stories

Children explore ideas about the concept of *divine*, and the concept in their own lives and lives of others.

PSHE
Family and relationships

Children explore roles in relationships, and learn about changes in their bodies during puberty, and how peoples' emotions change at that time.

MUSIC
Rhythm and composition

Home Learning

To create a fact file on any British wild animal or creature. This must include: the animal's habitat, their food, life cycle, pictures and specific technical vocabulary.

HOOK: What lives in our school grounds? What do you predict will live in the Jubilee Jungle and on the field? Children will make predictions about the living things in the school grounds and explore the local grounds for mini-beast habitats. Children will sketch their findings using digital images.

LITERACY

Poetry based on the poem 'The Dragonfly' by T Hughes

Persuasive conversation between a predator enticing its prey based on the 'The Spider and the Fly' by M Howett

Bug Wars by S Parker inspires descriptive fact files.

TOPIC MATHS – Statistics

ART

Observational sketches of insects
3D mini-beast sculptures

Computing

Children plan an algorithm for a game in Kodu. Program the Kodu and associated objects using variables in order to fulfil Particular challenges.