

Leintwardine Endowed CE Primary School Learning Journey Itinerary

'Letting Our Light Shine'

SUBJECT : Science

YEAR : A

TERM : Summer 2

YEAR GROUPS : 5/6

Key Question: What do I need to know to become a connoisseur of classification?

Previous Knowledge – We would expect children to already be able to: recognise that living things are groups in a variety of ways. They will have used classification keys to aid them to group, identify and name a variety of living things.

END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are **emerging** because they can:

- give reasons for classifying animals based on their, with support, identifying their similarities and differences.
- with support, describe how living things are classified into groups.
- with support, identify the characteristics of different types of animals.
- with support, classify a creature based on its characteristics.
- with guidance, describe and investigate helpful and harmful microorganisms.
- with support, identify the characteristics of different types of microorganisms.
- with support, classify organisms found in my local habitat.
- with support, explain the classification of organisms found in my local habitat.

Most children will show that they have reached the **expected** level because they can:

- give reasons for classifying animals based on their similarities and differences.
- describe how living things are classified into groups.
- identify the characteristics of different types of animals.
- classify a creature based on its characteristics.
- describe and investigate helpful and harmful microorganisms.
- identify the characteristics of different types of microorganisms.
- classify organisms found in my local habitat.
- explain the classification of organisms found in my local habitat.

Some children will have gone beyond the expected level and will show that they are **exceeding** because they can:

- give reasons for classifying animals based on their similarities and differences.
- describe how and why living things are classified into groups.
- identify and compare the characteristics of different types of animals.
- classify a creature based on its characteristics, identifying similarities and differences between them.
- describe and investigate helpful and harmful microorganisms and explain where they are found within everyday life.
- identify the characteristics of different types of microorganisms, comparing them.
- classify organisms found in my local habitat, comparing it to those found in different habitats.
- explain the classification of organisms found in my local habitat, comparing it to those found in different habitats.

ASSESSMENT OPPORTUNITIES

Children's work will be assessed throughout the unit to check their understanding. At all times, children will be able to ask questions to clarify their understanding and will be asked questions to address and clarify their misconceptions.

ENRICHMENT OPPORTUNITIES

Helping children to remember more

Children will be able to connect their learning to what they can find in their local area in order to make it relevant to them.

SUBJECT SPECIFIC VOCABULARY

Similarities and differences, taxonomist, identify, comparing, classify, Linnaean method, kingdoms, invertebrates, vertebrates, insects, arachnids, annelids, molluscs, crustaceans, echinoderms, mammals, birds, fish, reptiles, amphibians, microorganisms, Linnaean taxonomic system.

CROSS-CURRICULAR LINKS

Links that we can make to help children make sense of what we want them to know and be able to do.