



Classification

KS 2, 3; Second, Third, Fourth Stage. Ages 7 -14.

Length: 45 mins - 55mins

There are millions of living things in the world! Scientists put living things into groups to make it easier to study and learn more about them. During ZooLab's 'Classification' workshop, we will explore different animals and learn how they are classed.

This hands-on, animal-handling workshop experience brings pupils face to face with classification. It is all part of an experiential and interactive learning experience in which introduces ZooLab animals that include vertebrates and invertebrates. Pupils explore different classes of animal so they can uncover their differences and similarities themselves.

Key workshop objectives:

- Explain the concept of classification
- Discuss the differences between living and non-living
- Discuss how animals are grouped into invertebrates and vertebrates
- Explore different clades of animals

Animals often used in this workshop:

- Giant African land snail
- Giant African train millipede
- Madagascan hissing cockroach
- Stick insect
- Tarantula
- Tree frog
- Snake
- Small mammal

You can expect to see 5 - 6 animals during the workshop. Animal requests will be accommodated where possible.



What is Classification?

Classifying animals basically means dividing them into two main groups - vertebrates and invertebrates.

Vertebrates have a backbone, while invertebrates are those which don't. In all, there are more than 800,000 animal species in the Kingdom Animalia and most of them are included in the phylum of Arthropod i.e. invertebrates. Usually, people don't think of earthworms or jellyfish as animals, but actually they are, thereby making the animal kingdom classification extremely huge.

Each living organism is classified into one of five Kingdoms.

KINGDOM	INCLUSIONS
Animalia	Animals
Plantae	Plants
Protista	Single-celled organisms
Fungi	Yeast, molds, mushrooms, etc.
Monera	Bacteria



ZOOLAB



Curriculum Outcomes England & Wales

ENGLISH

Spoken language

- Listen and respond appropriately to adults and their peers
- Ask relevant questions to extend their understanding and knowledge

SCIENCES

Working scientifically

- Asking simple questions and recognising that they can be answered in different ways
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions
- Asking relevant questions and using different types of scientific enquiries to answer them
- Identifying differences, similarities or changes related to simple scientific ideas and processes

Animals, including humans

- 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
- Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Living things and their habitats

- Explore and compare the differences between things that are living, dead, and things that have never been alive
- Recognise that living things can be grouped in a variety of ways
- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals
- Give reasons for classifying plants and animals based on specific characteristics.



Check out our website for more great workshops!

0845 330 6322
info@zoolabuk.com



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Curriculum Outcomes Scotland

LITERACY AND ENGLISH

Listening & talking	Tools for listening and talking	LIT 2-02a, LIT 3-02a, LIT 4-02a
	Finding and using information	LIT 1-04a, LIT 2-06a
	Understanding, analysing and evaluating	LIT 1-07a, LIT 2-07a

SCIENCES

Planet Earth	Biodiversity and interdependence	SCN 0-01a, SCN 1-01a, SCN 2-01a, SCN 1-02a
Biological systems	Inheritance	HWB 0-47a



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Our UK wide network of Rangers offer a tried and trusted product which we are continually revising and developing.



We are an ethical organisation

We love our animals and their welfare is paramount.

Our animals are healthy, happy and well-adjusted.



Our Rangers visit you anywhere in the UK

We visit you, wherever you are - giving you an educational and entertaining animal handling experience without any fuss.



Get in touch!

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