

### Diagram of Russia



Russia is the world's largest country and covers one tenth of the land on Earth. It covers two continents: Europe and Asia. It covers 11 time zones. Three oceans surround it: Arctic Ocean, Atlantic Ocean and Pacific Ocean. Russia is made of sandy and frozen deserts, mountains and forests.

### Map of Europe

This map shows the continent of Europe. Europe is one of the seven continents of the world. There are 44 countries in Europe. The UK is in Europe.




### Key Vocabulary

Word	Diagram	Definition
Europe		The sixth smallest continent by size and population.
continent		A large, solid area of land. There are 7 continents: Europe, Asia, Africa, North America, South America, Antarctica and Australasia (Oceania).
Northern hemisphere		The top half of the Earth that is north above the Equator.
biome		An area where similar animals and plants live.










## Science


- We will learn about classifying living things and their habitats.
- Key vocabulary includes: habitat, classify, adapted, vertebrate, invertebrate.




### Knowledge Organiser: Living things and their habitats




### Careers connected to Living things and their habitats: Animal Care Practitioner, Biologist, Zoologist




#### Lesson Sequence




1. Explore different habitats




2. Research a habitat




3. Explore how animals can be classified



4. Create a classification key



5. Adaptations and classification within species



6. Explore and classify pond plants

#### Classification Keys

Does the animal live on land?

yes

Does the animals have scales?

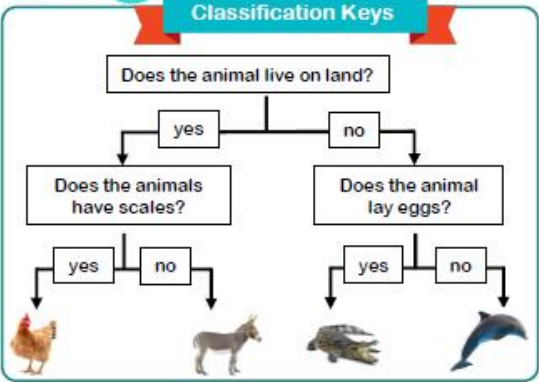
yes

no

Does the animal lay eggs?

yes

no



#### Classification

Classification of Vertebrates

Warm-blooded

Mammals


Birds

Fish

Cold-blooded

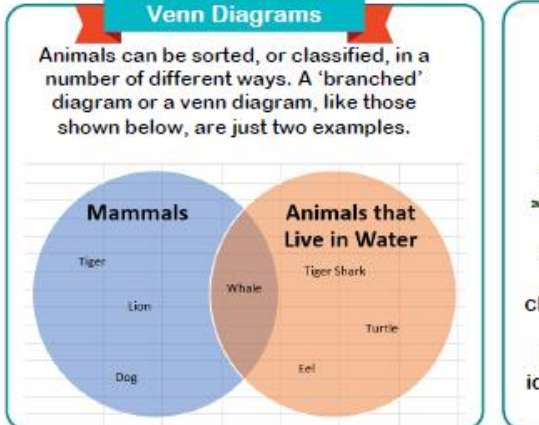
Reptiles

Amphibians



#### Venn Diagrams

Animals can be sorted, or classified, in a number of different ways. A 'branched' diagram or a venn diagram, like those shown below, are just two examples.



#### What is a Classification Key?

Vertebrates

Invertebrates

Reptiles


Birds

Fish

Mammals

Amphibians

A classification key is a series of questions that determine an organism's physical characteristics. **When you answer one question, it either branches off to another question or identifies the organism.** Ultimately, they help to identify an unknown organism, or work out how to categorise groups of similar organisms.



## PE

PE is on Wednesday and Friday. Please come to school on these days wearing appropriate PE kit, hair tied back and no jewellery.