

## Science

**Topic: Animals**

**Year: 1**

**Strand: Biology**

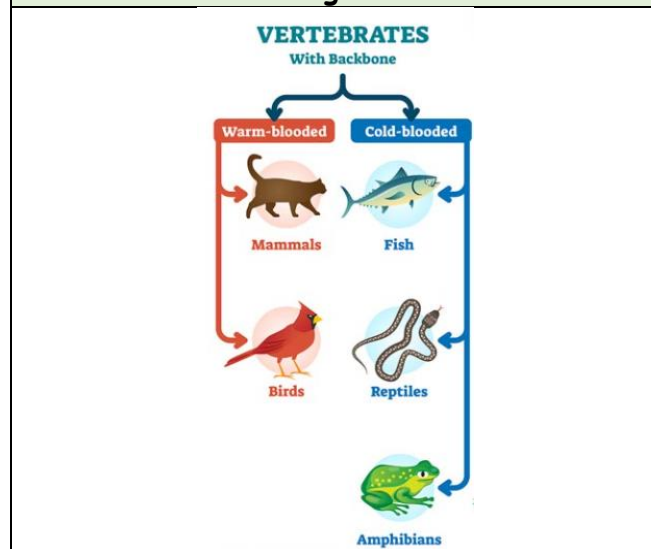
### What should I already know?

- The names of some common animals.
- The parts of the human body and how they are associated with each sense.

### What will I know by the end of the unit?

What are vertebrates?	<p><b>Vertebrates</b> are animals that have a <b>backbone</b>.</p> <p>There are five groups of vertebrates:</p> <ul style="list-style-type: none"> <li>- mammals</li> <li>- fish</li> <li>- amphibians</li> <li>- reptiles</li> <li>- birds</li> </ul>
What are mammals?	<ul style="list-style-type: none"> <li>• give birth to live young</li> <li>• usually have hair or fur</li> <li>• warm-blooded</li> <li>• cannot breathe underwater</li> <li>• some common mammals are:                             <ul style="list-style-type: none"> <li>• pets such as dogs, cats, hamsters</li> <li>• farm animals such as cows, sheep and horses</li> <li>• wild animals such as foxes, hedgehogs, lions and giraffes</li> <li>• humans</li> </ul> </li> </ul>
What are amphibians?	<ul style="list-style-type: none"> <li>• have fins and scales</li> <li>• breathe underwater using gills</li> <li>• lay eggs in water</li> <li>• cold-blooded</li> <li>• some common fish are salmon, cod and tuna</li> </ul>
What are birds?	<ul style="list-style-type: none"> <li>• warm-blooded</li> <li>• have wings and beaks</li> <li>• have feathers</li> <li>• lay eggs</li> <li>• some common birds are ducks, chickens, penguins and pigeons</li> </ul>
What are fish?	<ul style="list-style-type: none"> <li>• cold-blooded</li> <li>• lay eggs</li> <li>• have scales</li> <li>• cannot breathe underwater</li> <li>• some common reptiles are snakes and lizards</li> </ul>
What are reptiles?	<ul style="list-style-type: none"> <li>• cold-blooded</li> <li>• lay eggs</li> <li>• live on land and water - can breathe underwater through gills</li> <li>• some common amphibians are frogs and toads</li> </ul>

### Diagram



### Vocabulary

backbone	the column of small linked bones down the middle of your back
carnivores	an animal that eats meat
cold-blooded	a body temperature that changes according to the surrounding temperature
environment	all the circumstances, people, things, and events around them that influence their life
farm	an area of land used to produce crops or breed animals and livestock
gills	the organs on the sides of fish and other water creatures through which they breathe
herbivore	only eats plants
omnivore	eats all kinds of food including both meat and plants
pet	a tame animal kept in a household
temperature	a measure of how hot or cold something is
vertebrate	a creature which has a <b>backbone</b>
warm-blooded	a fairly high body <b>temperature</b> which does not change much and is not affected by the surrounding <b>temperature</b>
wild	animals or plants that live or grow in natural surroundings and are not looked after by people
habitat	the natural home or environment of an animal, plant, or other organism.

