

Animals of India : Science : Year 3/4

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To know about some of the different habitats in India	In this first lesson, children will be reminded what a habitat is, and challenged to list all the different types of habitat that they know of. They will then explore some specific habitats in India, and begin to think about what types of animal might live there, and why. Children will use their knowledge of these habitats in their independent activities. Alternatively, in groups children use the 'Thinking Questions Cards' to promote discussion and debate.	<ul style="list-style-type: none"> Can children explain what a habitat is? Can children list some of the different habitats found in India? Can children describe the different habitats found in India? 	<ul style="list-style-type: none"> Slides Worksheet 1A/1B/1C Thinking Question Cards (FSD? activity only)
Lesson 2	To know that animals can be grouped in different ways	Children will learn that animals can be grouped using a range of different criteria. They will sort animals according to whether they are vertebrates or invertebrates, as well as breaking this down further into what class of animal they are: mammal, bird, reptile, arachnid or insect. In their independent activities, children will use or write definitions of these groups to sort picture cards of Indian animals. Alternatively, they will use Carroll diagrams with given criteria to sort them.	<ul style="list-style-type: none"> Can children group animals in different ways, and explain their reasoning? Can children group animals from India according to whether they are mammals, birds, reptiles, arachnids or insects? Can children identify how animals have been grouped? 	<ul style="list-style-type: none"> Slides Picture Cards (Teaching Input) Animals of India Cards Worksheet 2A/2B/2C Sort Me! Worksheet (FSD? activity only) Blank Sort Me! Worksheet (FSD? activity only)
Lesson 3	To explore and use classification keys	Children will use and expand on their knowledge of grouping animals by using classification keys. As a class, they will identify individual animals using a key. They will also briefly discuss how a key works/is made. Children will use a different key to identify animals in their independent work, or in the Fancy Something Different? activity, children create their own key for a chosen group of animals.	<ul style="list-style-type: none"> Do children know what a classification key is? Can children use a classification key to identify specific animals? Can children create/complete a classification key to help identify specific animals? 	<ul style="list-style-type: none"> Slides Worksheet 3A/3B/3C Classification Key A/B Classification Cards (FSD? activity only)
Lesson 4	To know that animals need the right types and amounts of nutrition	In this lesson, children will begin to think about nutrition, and whether all animals need the same type and amount of food. They will discuss the terms carnivore, herbivore and omnivore, and see if they can classify some animals of India according to these definitions. In their independent work, children will match diets to animals according to given clues. Alternatively, they will research the diets of various animals in order to help some zookeepers.	<ul style="list-style-type: none"> Can children explain what nutrition is? Do children understand the difference between carnivores, omnivores and herbivores? Can children locate, gather and use the relevant information they need from different sources? 	<ul style="list-style-type: none"> Slides Thinking Questions Cards (Teaching Input) Worksheet 4A/4B/4C Picture and Diet Cards A/B Zookeeper's Help Cards (FSD? activity only)
Lesson 5	To know how to make and interpret food chains	Children will learn how animals in India are linked by what they eat. They will look at different food chains, and identify the producer and consumers in each one, as well as the predators and prey. In their independent activities, children will sort sets of animals into food chains. Alternatively, they will create their own food chains based on information cards about plants and animals found in India.	<ul style="list-style-type: none"> Can children explain what a food chain is? Do children understand the terms producer, consumer, predator and prey? Can children label and organise animals and plants into food chains? 	<ul style="list-style-type: none"> Slides Picture Cards A/B Worksheet 5A/5B/5C Information Cards (FSD? activity only) Food Chains Sheet (FSD? activity only)
Lesson 6	To know how changes to their habitat can affect animals	In this final lesson, children will recap on the importance of an animal's habitat, and how whole species can be affected if their habitat changes. Children will learn what conservation means, and will find out how threatened animals are grouped according to the IUCN Red List conservation status system. They will look at some examples of animals of India that are threatened, and then focus on the endangered Bengal tiger in their independent work. Alternatively, children will consider the reasons for and against zoos, and hold a class debate.	<ul style="list-style-type: none"> Do children understand some ways that an animal's habitat can change? Do children understand the effect habitat change might have on an animal? Do children understand the term 'conservation'? 	<ul style="list-style-type: none"> Slides Bengal Tiger Information Sheet Worksheet 6A/6B/6C Picture Card Cut-outs Sheet For or Against Zoos? Opinion Cards (FSD? activity only) Worksheet 6D (FSD? activity only)