



# EDUKALA



 **dheerya**  
foundation



# SCIENCE

# 1st Grade



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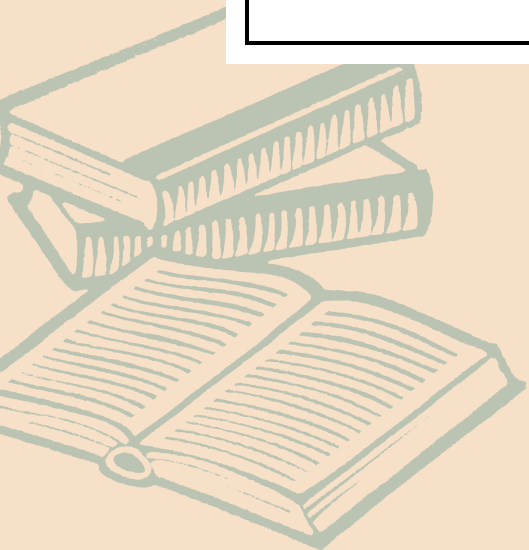
# FOOD AND HOME OF ANIMALS

- The topic of animal homes and food is an engaging and exciting way to introduce grade 1 students to the habitats and diets of different animals.
- By learning about where animals live and what they eat, students can develop a greater appreciation for the diversity of life on our planet.
- Activities focused on animal homes and food chains can help students understand the complex relationships between animals and their environments



Plant-eaters (Herbivores)	Some animals eat plants. Horses, cows, goats, deer, etc.
Grain-eaters	Some animals eat grains. Squirrels, mice, pigeons, hens, etc.
Insect-eaters	Some animals like the spider, lizard and chameleon eat insects and worms
Flesh-eaters (Carnivores)	Some animals eat the flesh of other animals. Tiger, lion, cheetah and wolf. They hunt and kill other animals for food.
Omnivore	an animal or person that eats a variety of food of both plant and animal origin.

- Animals need home to keep themselves safe and comfortable. A home protects them from heat, cold, rain and enemies.
- Birds build nests, Bees make beehives.
- Snakes, rats, mongooses live in holes in the ground
- Rabbits live in burrows under the ground.
- Lions and tigers live in dens



# OBJECTIVES

- Students will know what different types of food and habitat are required for the animals to survive.





# PRE-ASSESSMENT



- Ask the students to name few types of food consumed by the different animals
- Ask the students to mention a few habitats for different animals (explain meaning of habitats)









# PRE-REQUISITES

- Pictures of different animal homes
- Optional: paper and pencils for students to draw their own animal home
- Pictures of different animals
- Printout of activity sheets



# ACTIVITY-1

- Introduce students to different types of animal homes such as burrows, nests, dens, and caves
- Show pictures of different animal homes and ask students to guess which animal lives in each home (pictures attached below)

 Ant	 Anthill	 Bird	 Nest
 Duck	 Pond	 Dog	 Kennel
 Cow	 Shed	 Horse	 Stable
 Rat	 Hole	 Hen	 Coop
 Honeybee	 Beehive	 Monkey	 Tress
 Spider	 Web	 Tiger	 Den





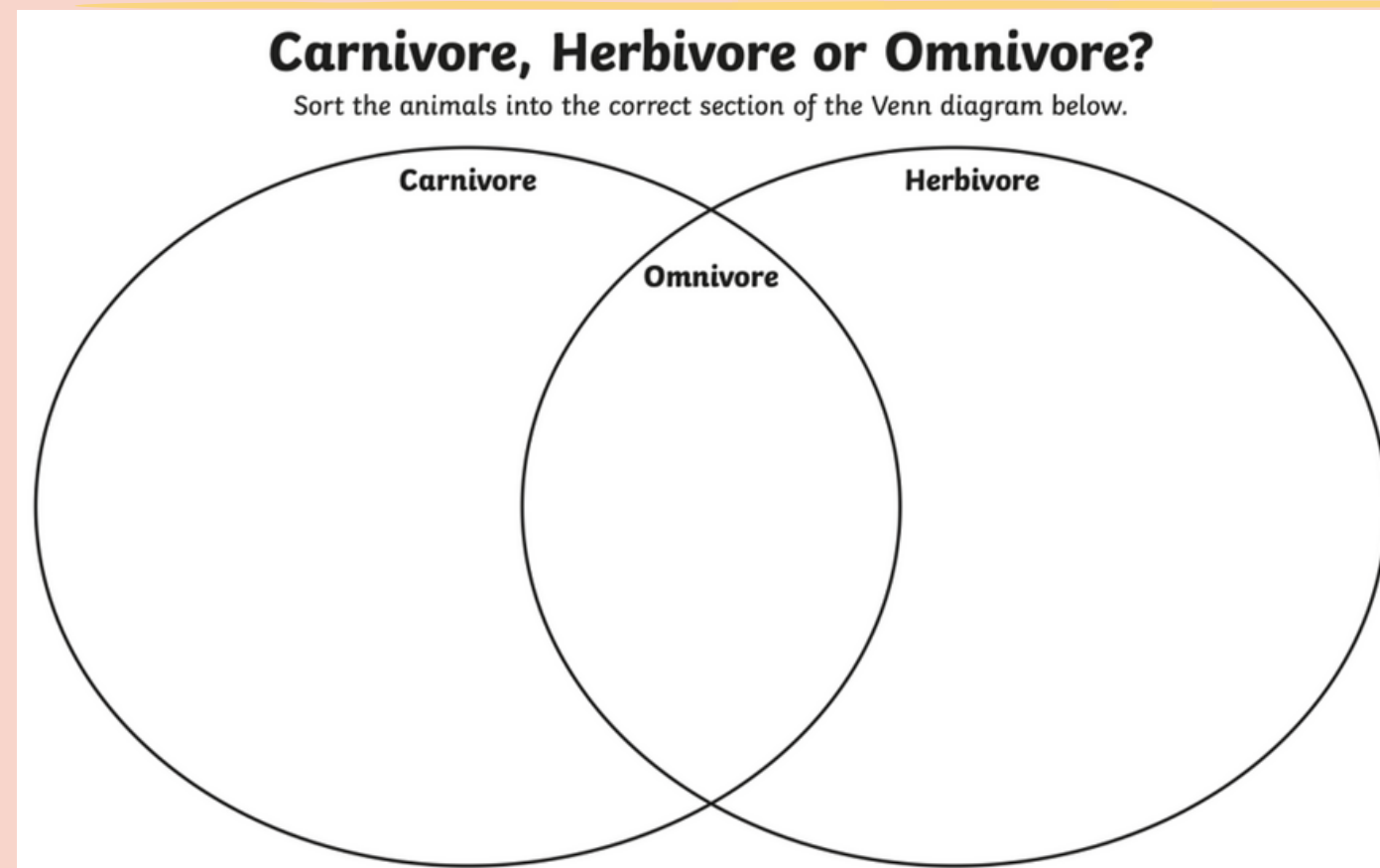
# ACTIVITY-1

- Hide pictures of animal homes around the classroom or outdoor area.
- Have students search for the hidden pictures and identify which animal would live in each home.
- To make it more challenging, have students draw their own animal home and have their classmates guess which animal lives there.







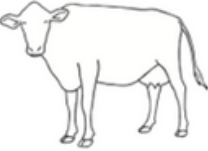



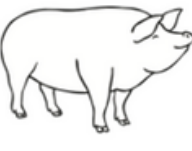






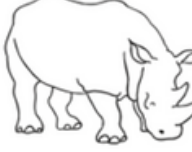


# ACTIVITY-2

Introduce students to the concept of a herbivore, carnivore and omnivore (give examples from Introduction)



**Carnivore, Herbivore or Omnivore?**

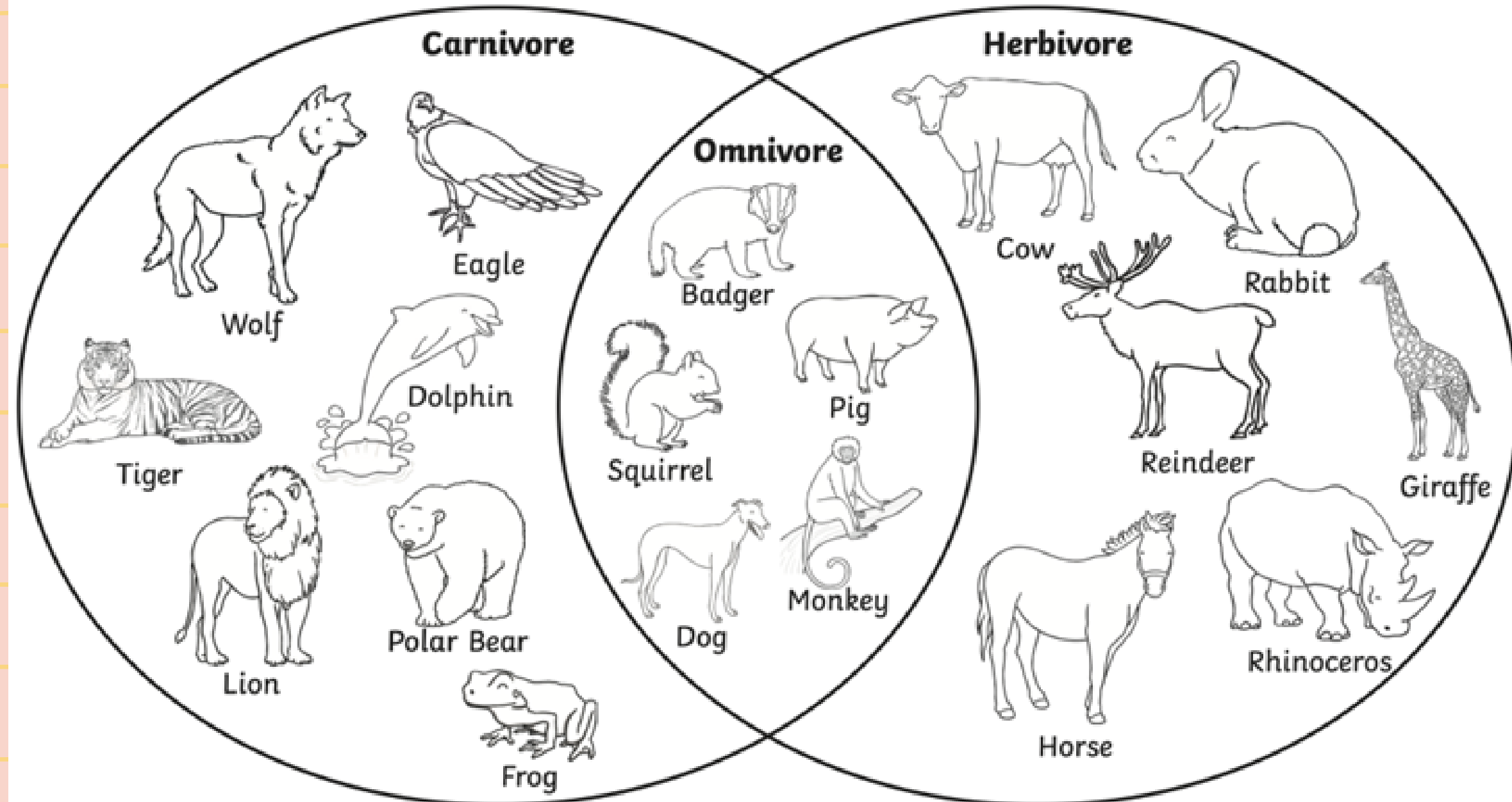
 Wolf	 Squirrel	 Eagle	 Reindeer	 Giraffe	 Dog
 Cow	 Tiger	 Rabbit	 Polar Bear	 Pig	 Dolphin
 Monkey	 Horse	 Lion	 Badger	 Frog	 Rhinoceros



# ACTIVITY-2

## Carnivore, Herbivore or Omnivore? Answers

Sort the animals into the correct section of the Venn diagram below.



# ACTIVITY-3

- Divide the class into groups of 3
- Allocate one worksheet to each group
- The group members discuss among themselves to complete the given sheet
- Teachers must encourage the students to divide work among themselves (one can be a writer, another incharge of coloring, one drawing, etc.)
- Students present their work to the class after completion.
- The work can later be displayed in the class



# ACTIVITY-3

## A Habitat for a Blinky Beetle

### Blinky Beetle

Scientists have discovered a new creature called a blinky beetle.

Some of the things it needs to survive are:

- seeds and fruit to eat
- rocks to hide under
- water to drink
- tree leaves to lay its eggs on



Draw a habitat where you think a blinky beetle would have all of its needs met.

A large, empty rectangular box with a black border, intended for drawing a habitat for a blinky beetle.

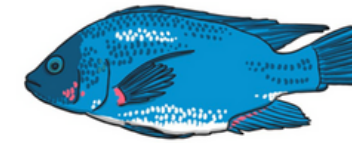
## A Habitat for a Flooty Fish

### Flooty Fish

Scientists have discovered a new creature called a flooty fish.

Some of the things it needs to survive are:

- smaller fish to eat
- seaweed to lay its eggs on
- sunlight to warm the water
- sand to hide under



Draw a habitat where you think a flooty fish would have all of its needs met.

A large, empty rectangular box with a black border, intended for drawing a habitat for a flooty fish.

## A Habitat for a Beaky Bird

### Beaky Bird

Scientists have discovered a new creature called a beaky bird.

Some of the things it needs to survive are:

- insects to eat
- a tree to live in
- water to drink
- twigs and sticks to build a nest



Draw a habitat where you think a beaky bird would have all of its needs met.

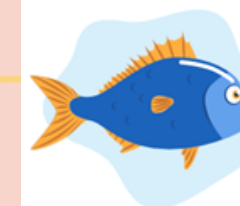
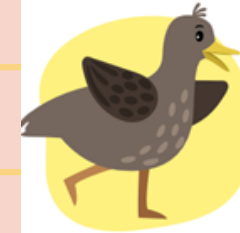
A large, empty rectangular box with a black border, intended for drawing a habitat for a beaky bird.

# POST ASSESSMENT

Ask the following questions:

- What is an animal habitat and why is it important for animals to have a suitable habitat?
- What is one thing you learned about animal homes and food that you didn't know before?

All living things need to have shelter to protect them.  
Check the picture of the correct animal home.



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