

Science Teeth and Diet: Teeth and Diet detectives

Main Welfare needs:

To teach children how different animals need different food to be healthy and happy.

Curriculum links:

Key Stage 1 - Science:

Pupils should be able to:

- Identify and name a variety of common animals that are carnivores, herbivores and omnivores.
- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Resources:

- Herbivore, Carnivore and Omnivore cards (found below)
- Cat, Dog and Rabbit picture cards (found below)
- Teeth and Diet Detectives Activity Worksheet (found below)

Starter:

Explain to children that animals all need different types of food to be healthy and happy. Using the herbivore, carnivore and omnivore cards attached, ask 3 children to come up to the front and hold one card each. See if they know what the words are and what they mean. Explain that a carnivore eats meat only, an omnivore eats meat and plants and a herbivore only eats plants.

Give another 3 children the picture of the cat, dog and rabbit and ask them to stand next to the correct card and ask them why they are stood there. You could also bring in examples of pet food in a bag for the children to match to the correct examples (fish/cat food- cat, dog food/carrot- dog, hay/kale- rabbit)

Now explain that:

- Cats are carnivores and need a diet full of meat.
- Dogs, although they like meat and most of their diet is made of meat, they are actually omnivores and can eat a plant and meat diet. Some people give their dogs vegetables such as carrots. It is important that you check which foods your dog can have because some vegetables such as onions are bad for dogs.
- Rabbits are herbivores and can only eat plants (fresh vegetables and fruit such as carrots, leafy greens and hay).

Ask the children if they can think of any other pets (or other animals) that are carnivores, omnivores or herbivores?

Main:

Activity: Complete the worksheet and mark as a class.

Plenary:

Revise what a carnivore, omnivore and herbivore is using the animal and food cards.

Teeth and Diet detectives

Our pets need food and water to live happily and healthily. Each type of pet will need the right type of food for them and the right amount. It is up to us as their owners to make sure we provide them with the food and water they need.

To look at what our pets would eat naturally, we can put them into one of the three groups below.

In boxes with pictures

<p>Carnivore I am a pet that eats meat</p>	<p>Omnivore I am pet that eats meat and plants</p>	<p>Herbivore I am a pet that eats plants only</p>
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Match the pet to the correct word that describe what they eat.
Now match them to the food they like to eat.

Cat	Carnivore	Hay
Dog		Apple
Horse	Omnivore	Dog food
Rat		Fish
Rabbit	Herbivore	Seeds and nuts
Guinea pig		Leafy greens

Extension:

Three boxes for carnivore, omnivores and herbivores.

Can you think of any other animals that fit into these boxes?

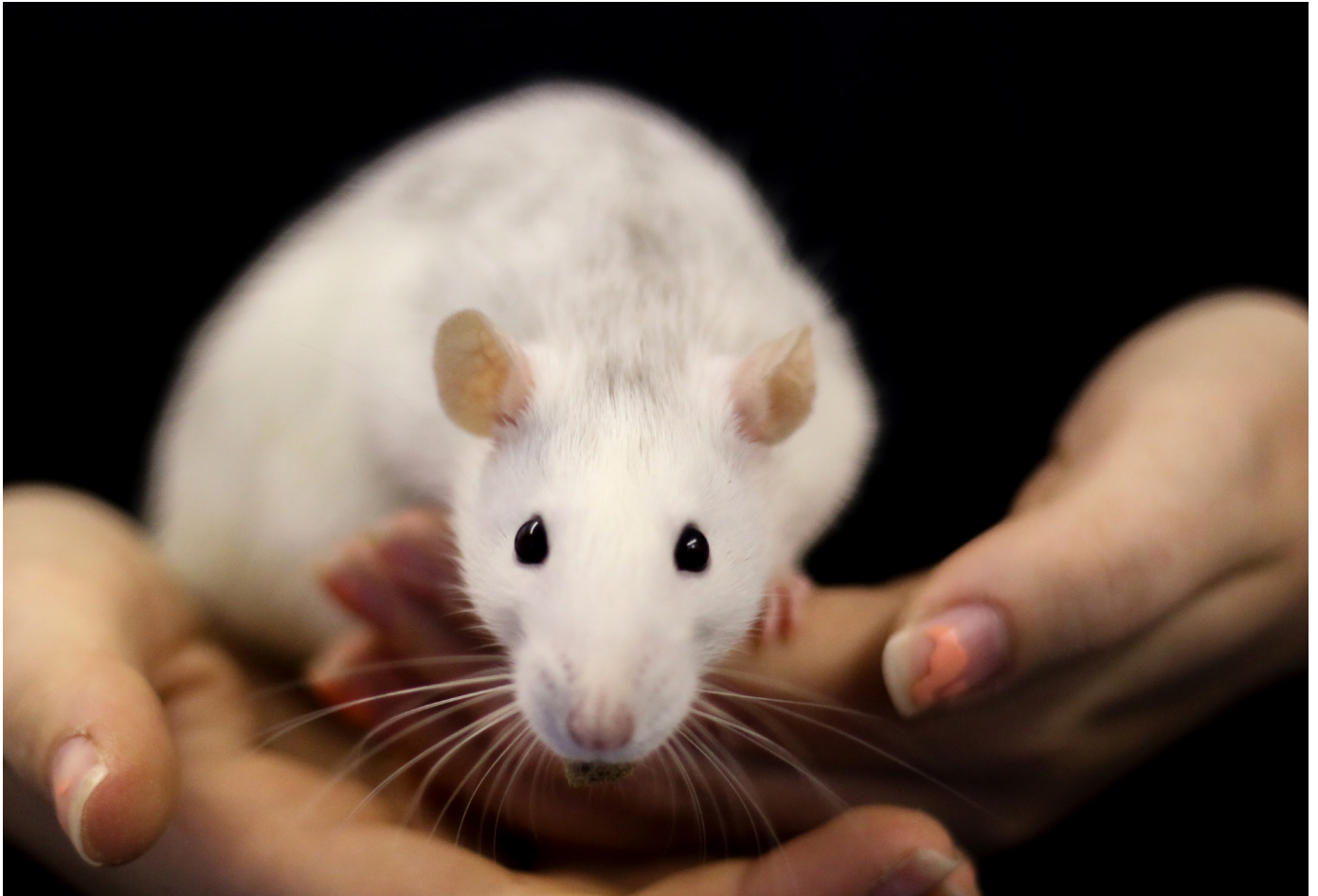
Which box do humans go into and why?



Cat – carnivore- (fish, cat food) , Dog – omnivore (dog food, carrots), Horse – herbivore (hay, apples) , rat – omnivore (fruit, seeds, they can also eat meats like dry dog food), rabbit – herbivore (leafy greens, hay , carrots), guinea pig – herbivore (leafy greens, hay , carrots).



Rabbit



Rat



Guinea pig



Horse



Cat



Dog

Carnivore



Herbivore



Omnivore

