

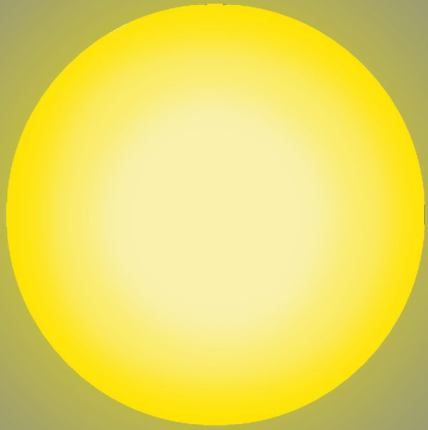
FEEDING RELATIONSHIPS

contents

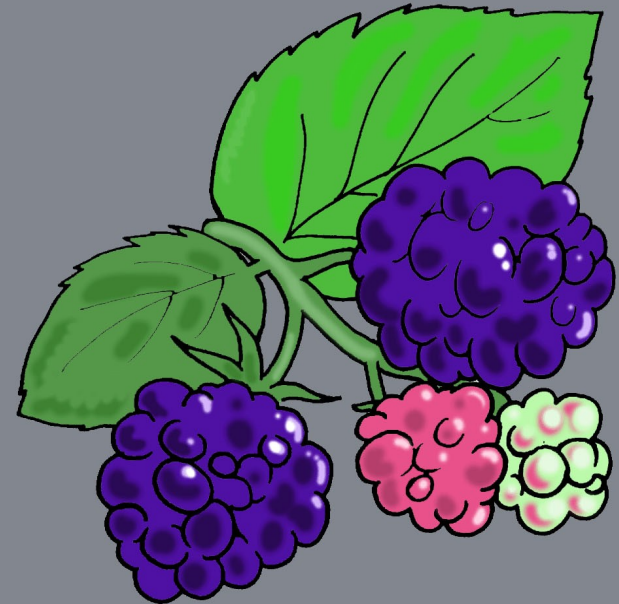
- Food Chains - flow of energy
- Food Webs
- Predators & Prey
- Herbivore, Carnivore & Omnivore



FOODCHAINS



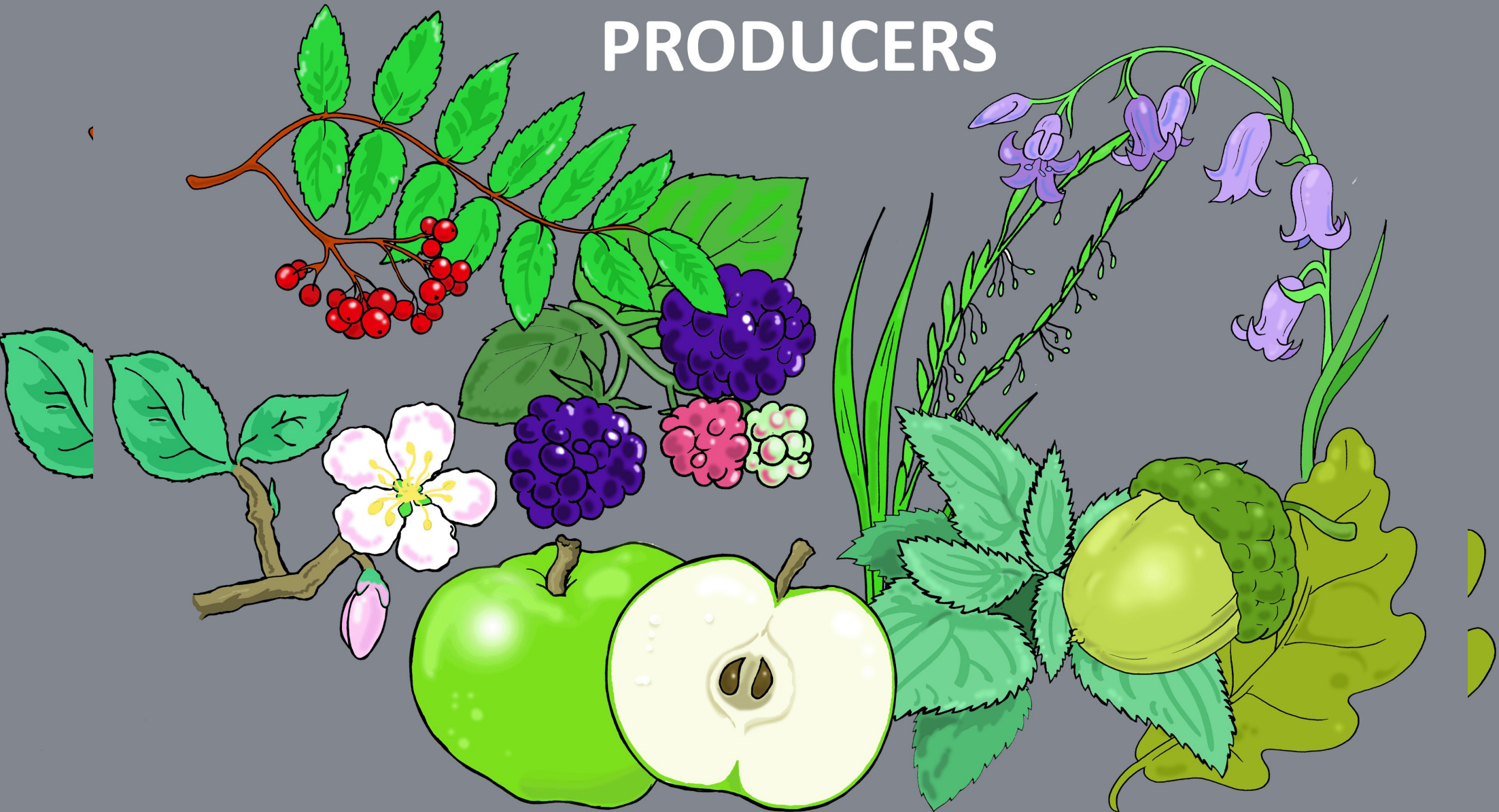
the sun



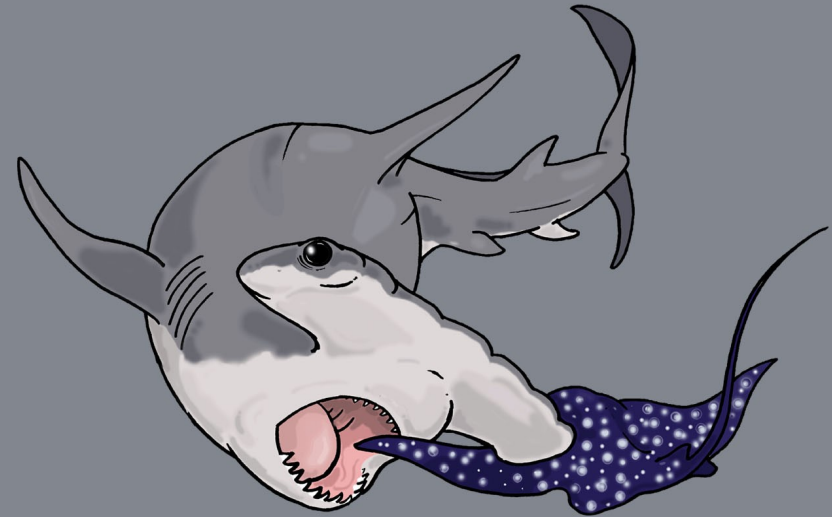
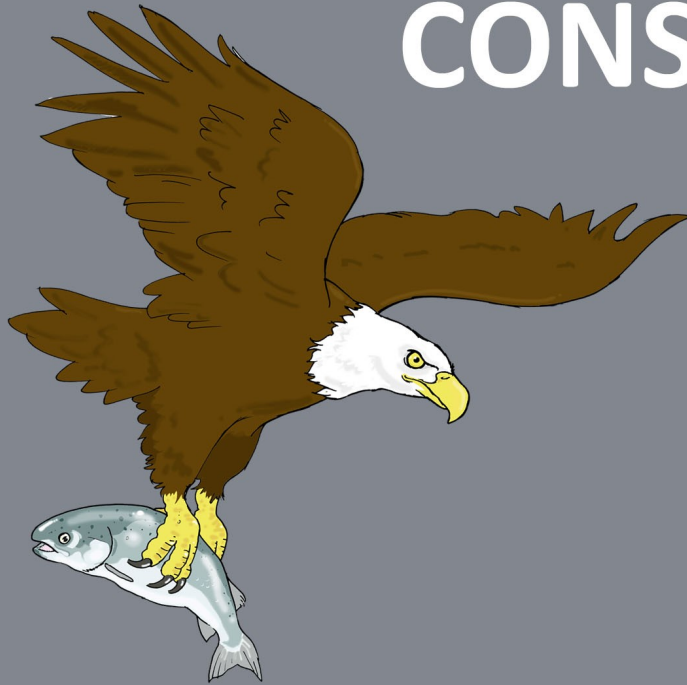
plants

(e.g. blackberry)

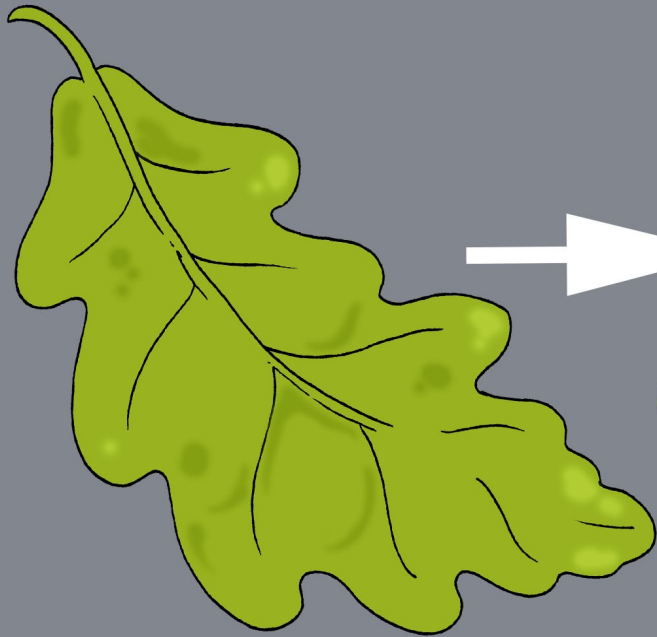
PRODUCERS



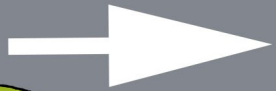
CONSUMERS



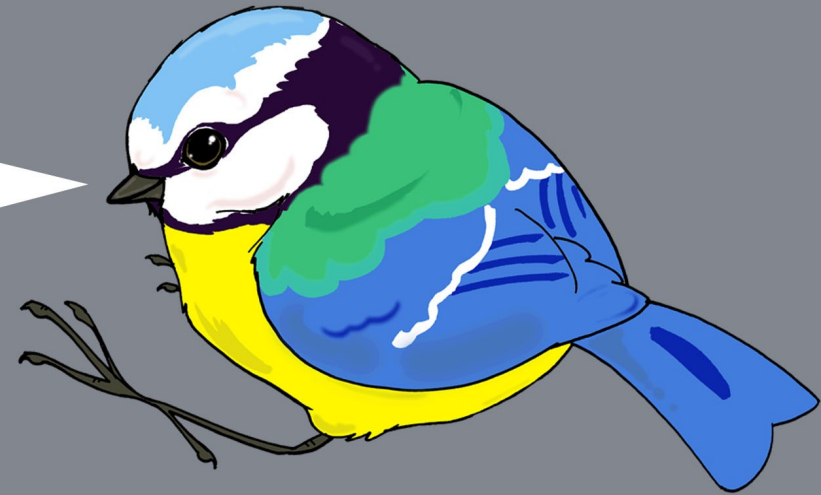
A FOOD CHAIN



oak leaves
producer

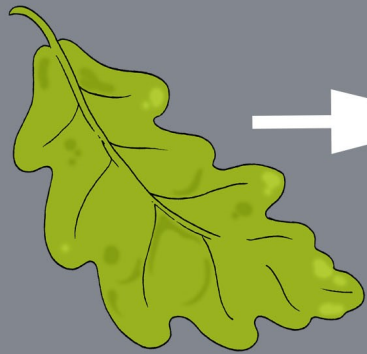


moth caterpillar
consumer

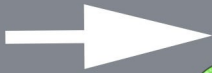


blue tit
consumer

LONGER FOOD CHAINS



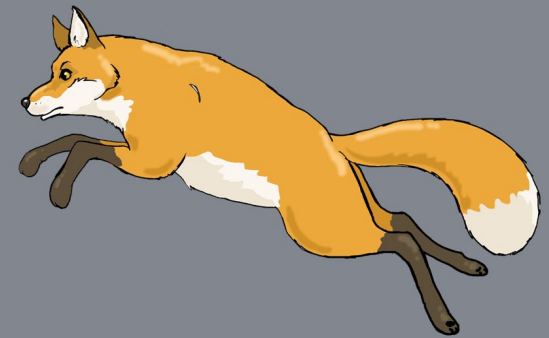
oak leaves
producer



moth caterpillar
consumer



blue tit
consumer



red fox
consumer

WHO EATS WHO?



WHO EATS WHO?



bluebells

producer



butterfly



spider



frog



adder

consumers

WHO EATS WHO?



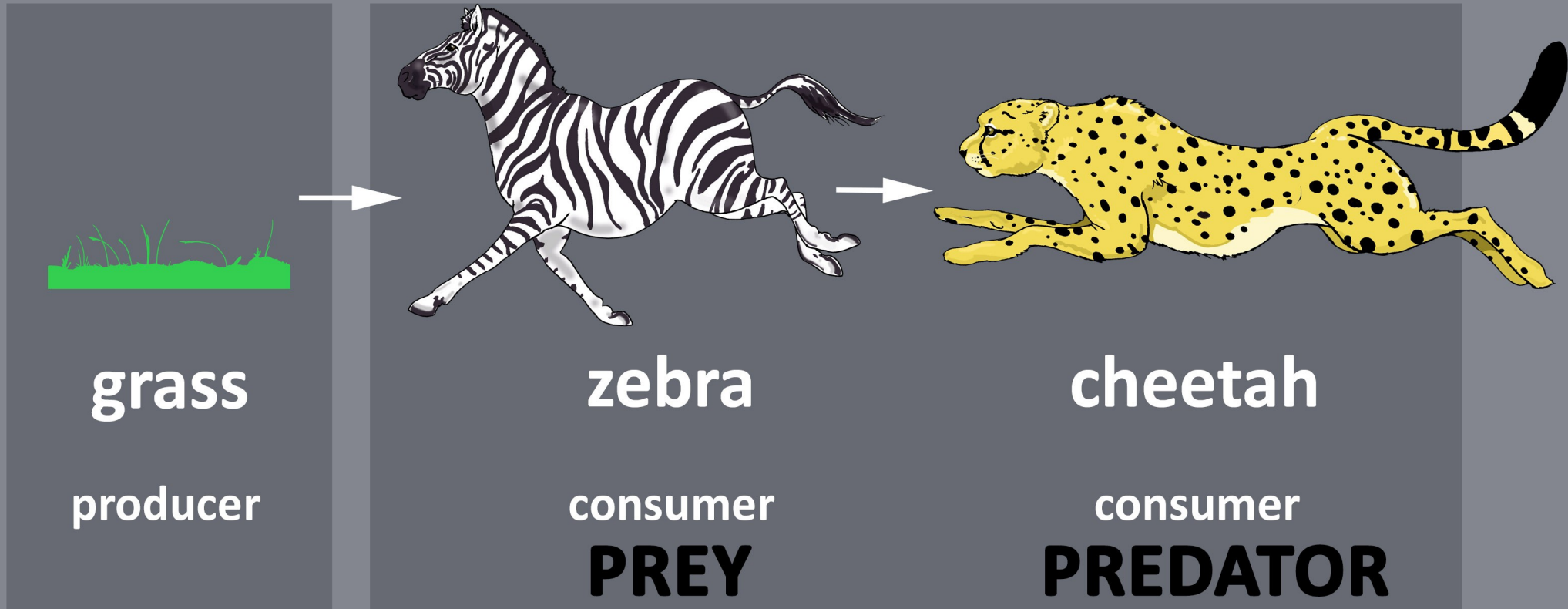
zebra

cheetah



grass

PREDATOR & PREY IN FOODCHAINS



PREDATOR & PREY IN FOODCHAINS



algae

producer



krill

consumer

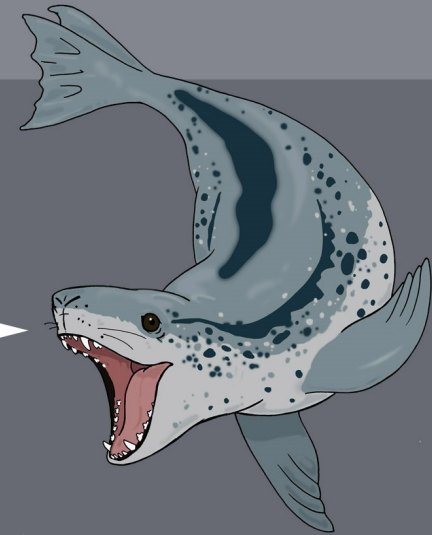
PREY



penguin

consumer

PREDATOR
to krill but...
PREY
...to leopard seal

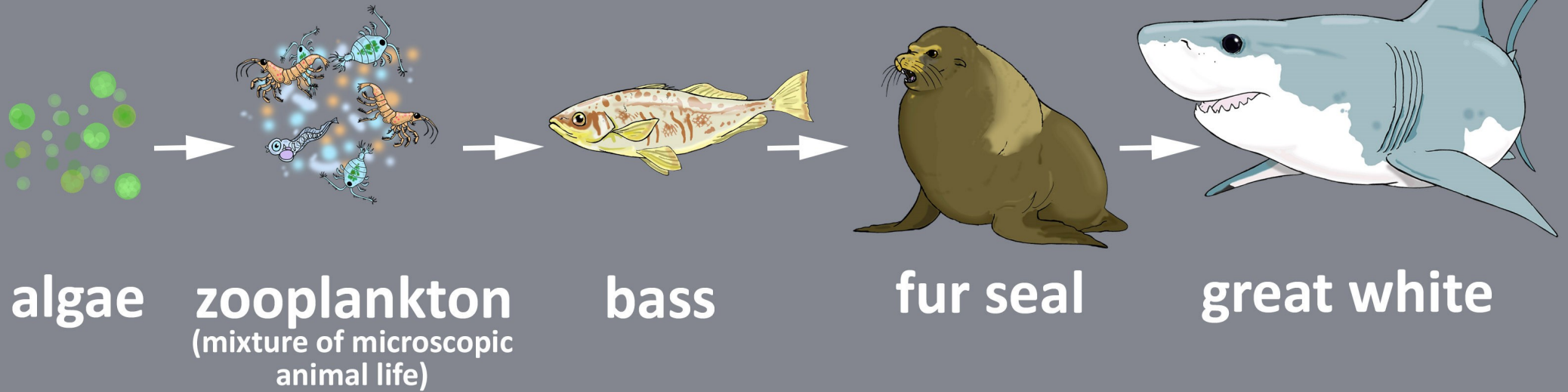


leopard seal

consumer

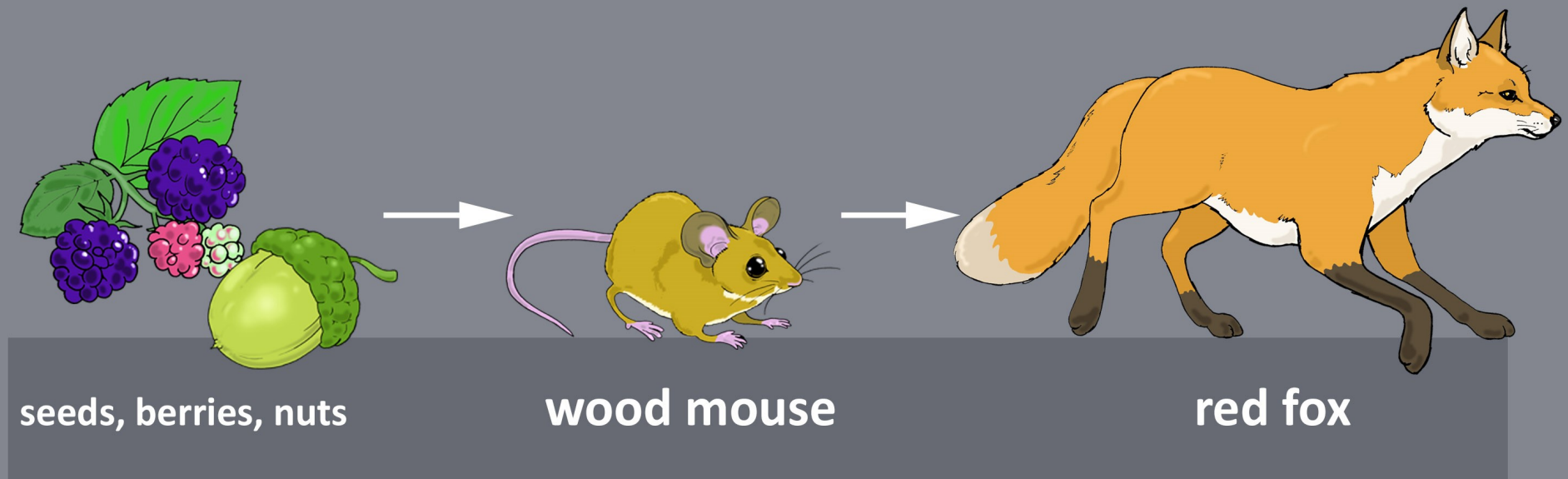
PREDATOR

DESCRIBE THIS FOODCHAIN...



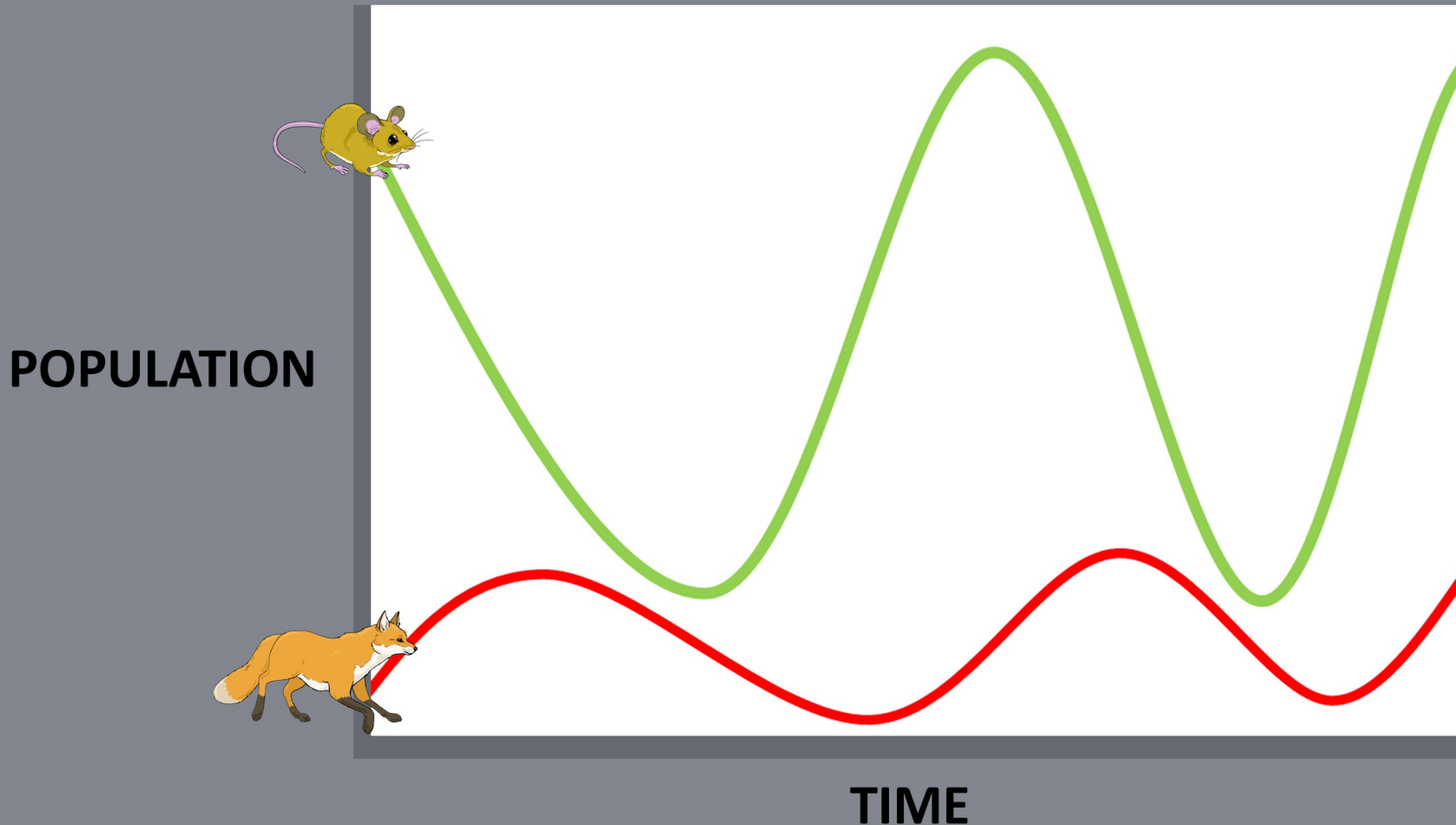
WORD BANK predator prey consumer producer

PREDATOR/PREY RELATIONSHIPS



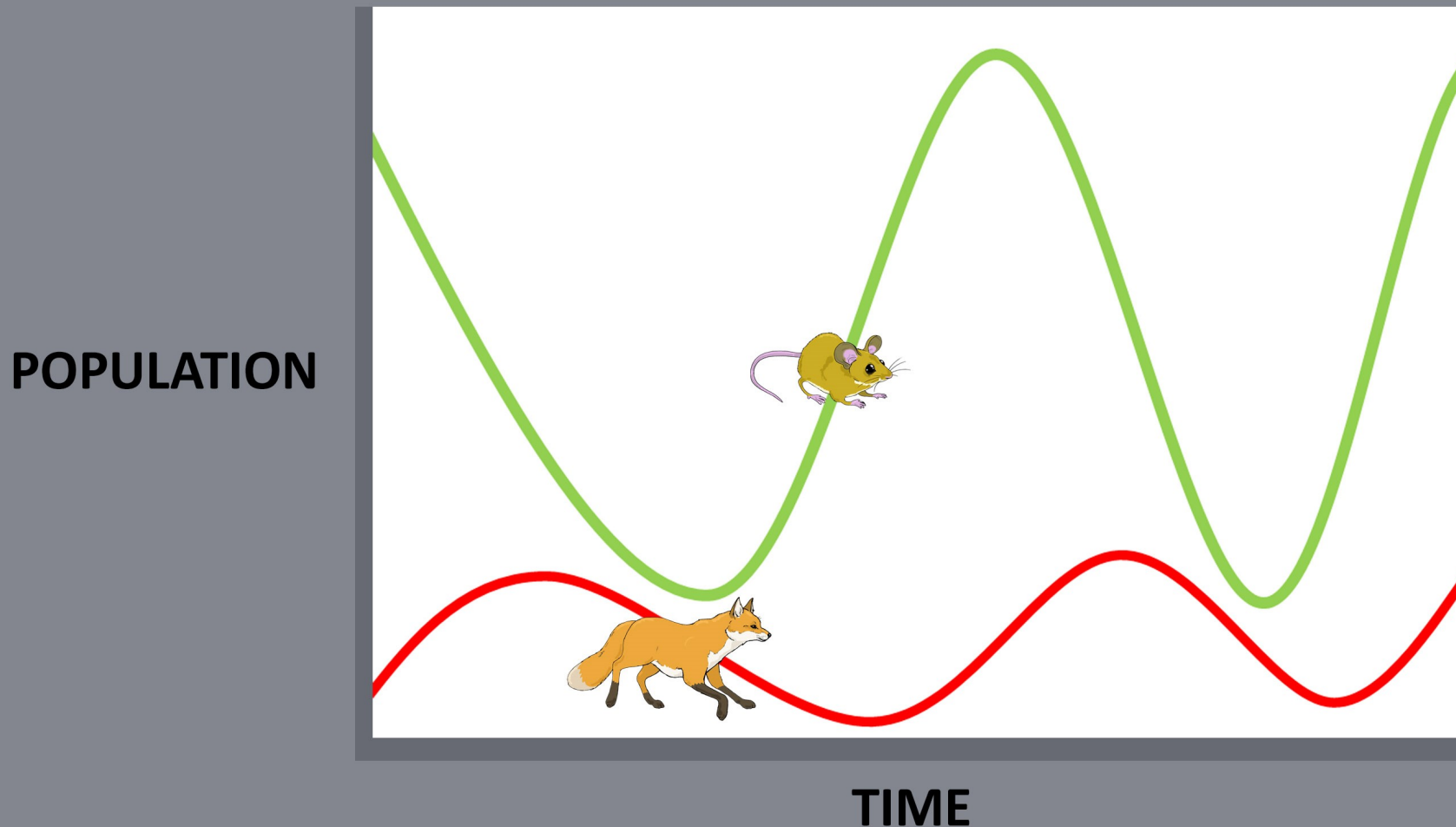
In a woodland, foxes are predators of wood mice.
Wood mice feed on a variety of seeds, nuts and berries.

PREDATOR/PREY RELATIONSHIPS



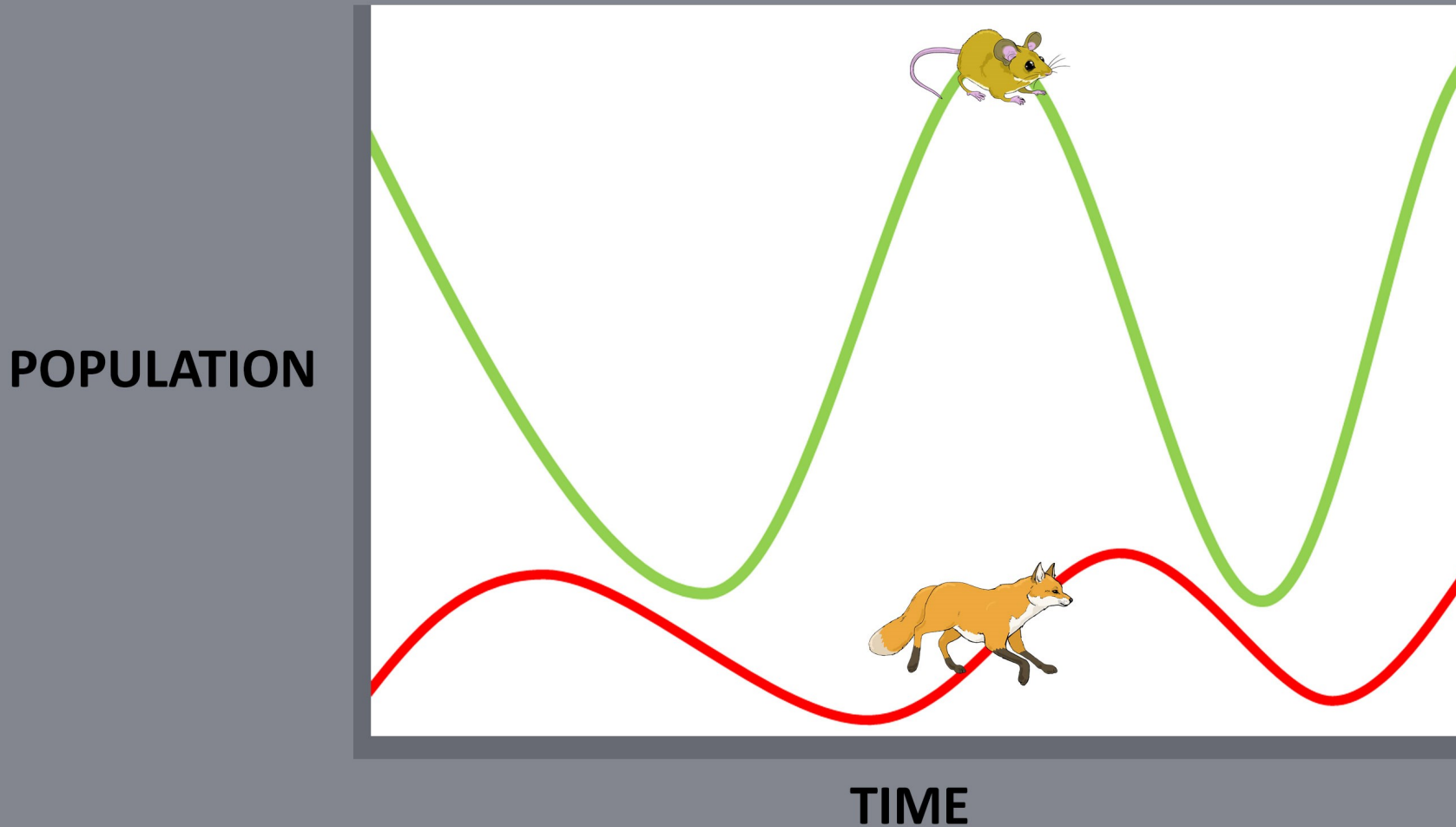
The foxes eat many mice. As they do, the number of their prey, the **POPULATION**, decreases.
In contrast, the foxes reproduce and their population increases.

PREDATOR/PREY RELATIONSHIPS



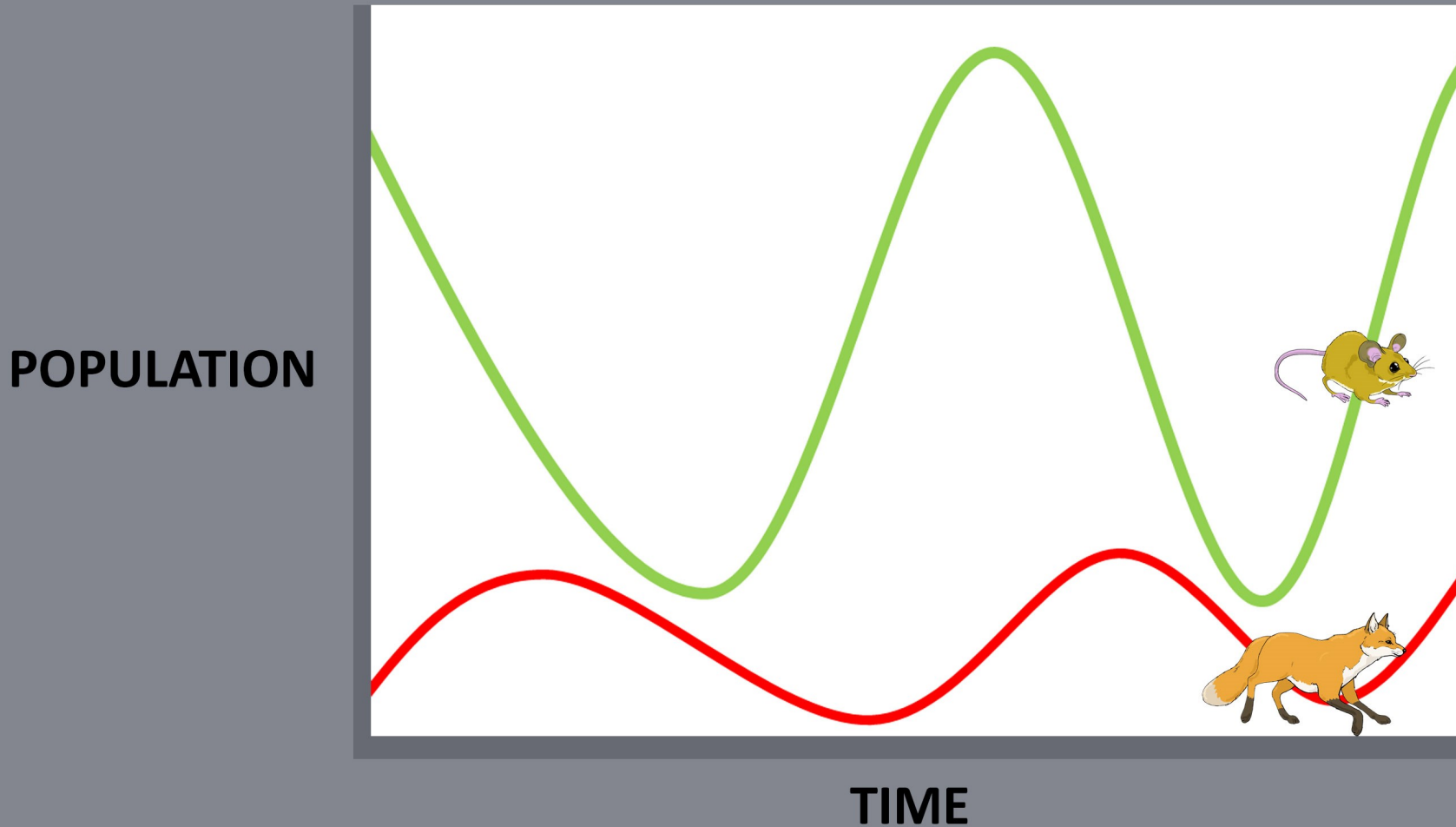
With mice in short supply, the fox population, decreases.
Now the mice can reproduce and their population increases.

PREDATOR/PREY RELATIONSHIPS



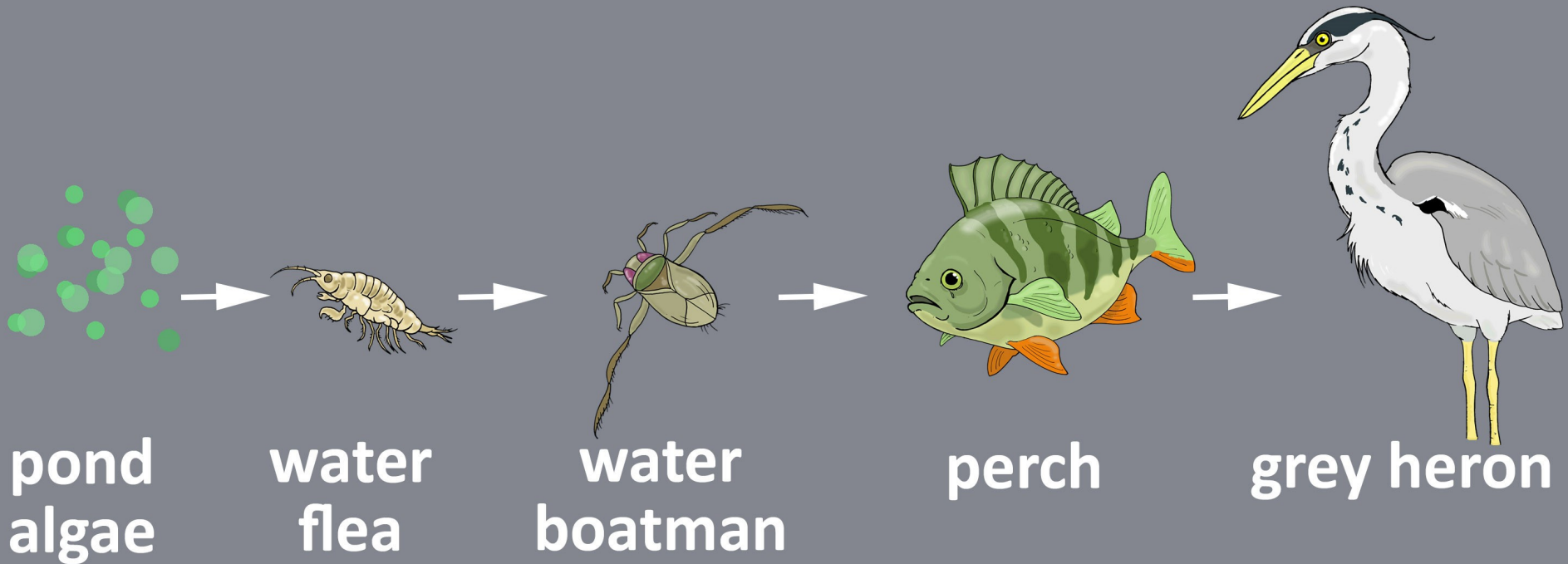
The greater population of mice enables the foxes to feed well and the fox population recovers.

PREDATOR/PREY RELATIONSHIPS



This pattern on the graph is typical of a healthy predator and prey relationships.

DESCRIBE THIS FOODCHAIN...



WORD BANK predator prey consumer producer

FOOD CHAINS & FOOD WEBS

FRESHWATER

LAKES & RIVERS (UK)



grass snake



european otter



grey heron



common frog



stickleback



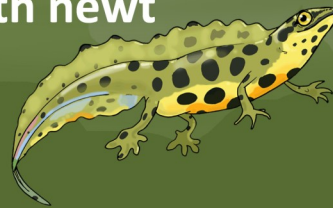
perch



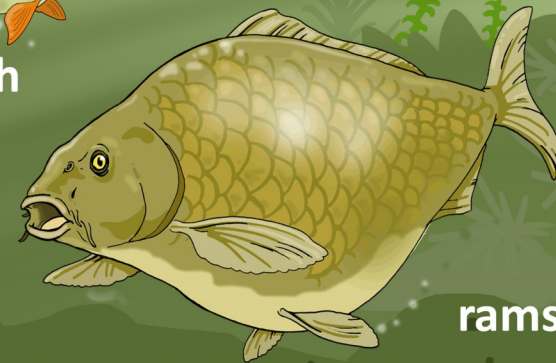
water boatman



great pond snail



smooth newt



common carp



ramshorn snail



gammarus (water flea)

FOOD WEBS

otter



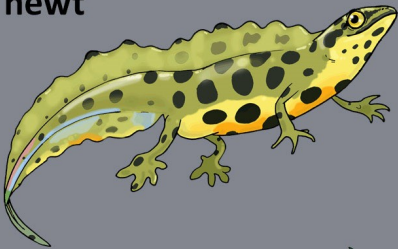
grass snake



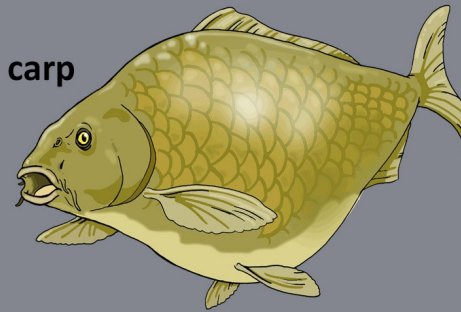
grey heron



newt



carp



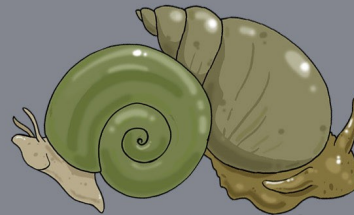
stickleback



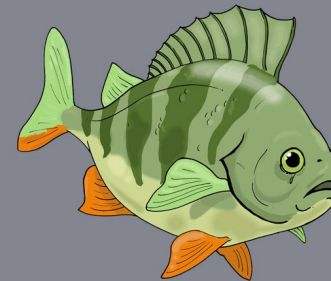
frog



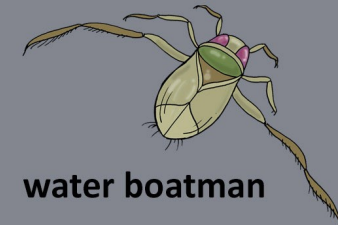
aquatic snails



perch



water boatman



water plants



water flea



FOOD WEBS

otter



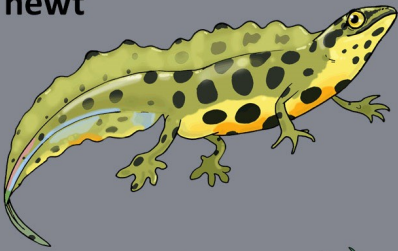
grass snake



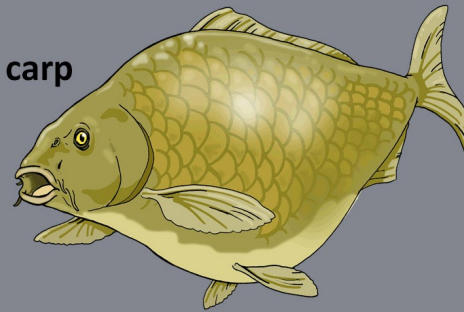
grey heron



newt



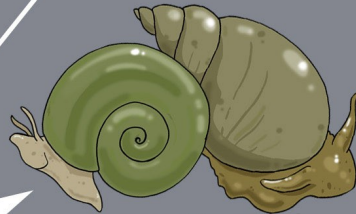
carp



stickleback



aquatic snails



frog



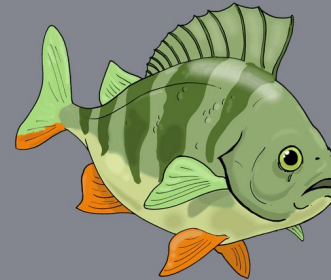
water plants



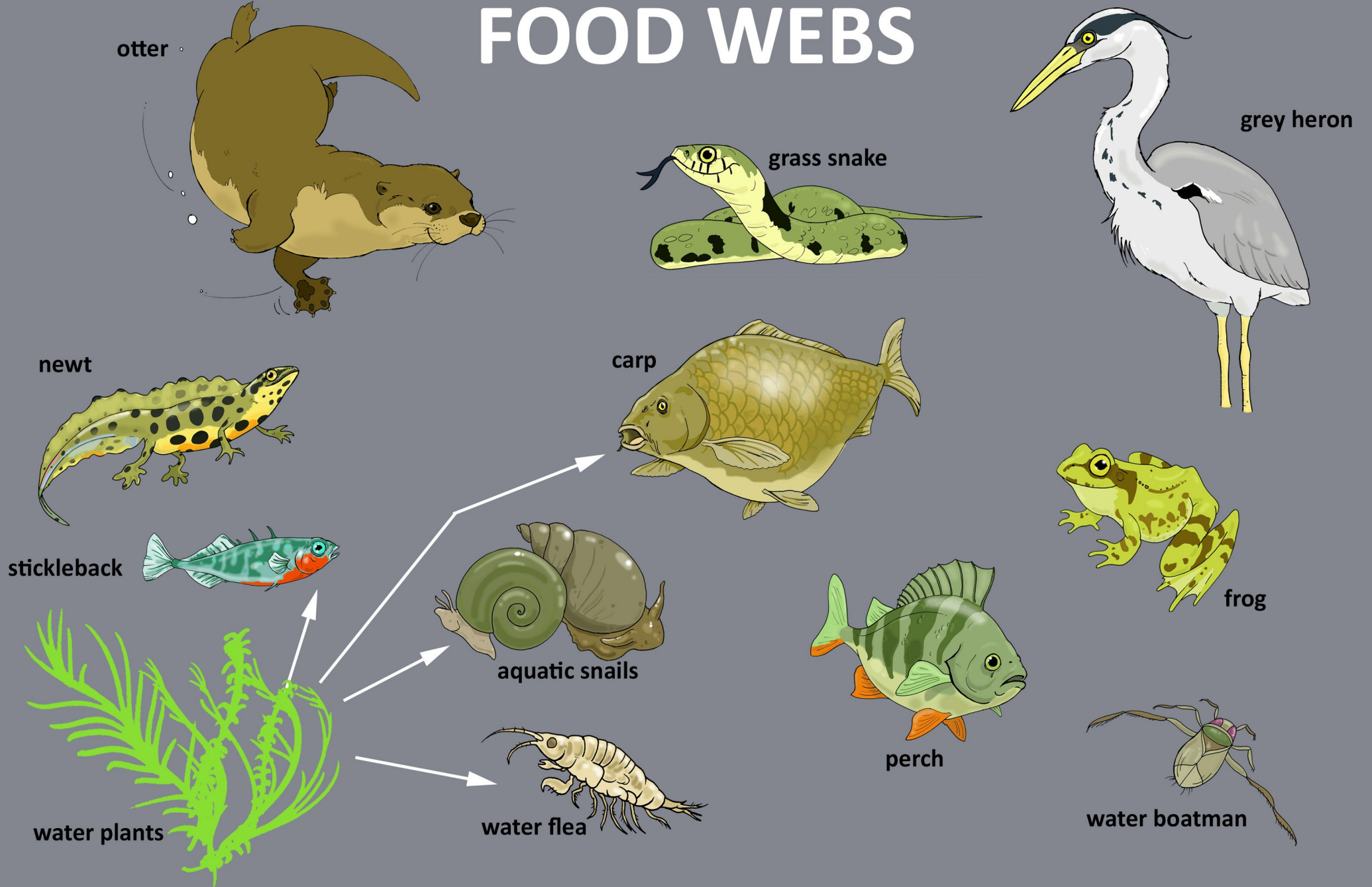
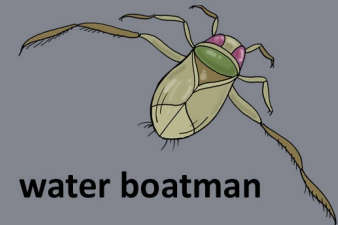
water flea



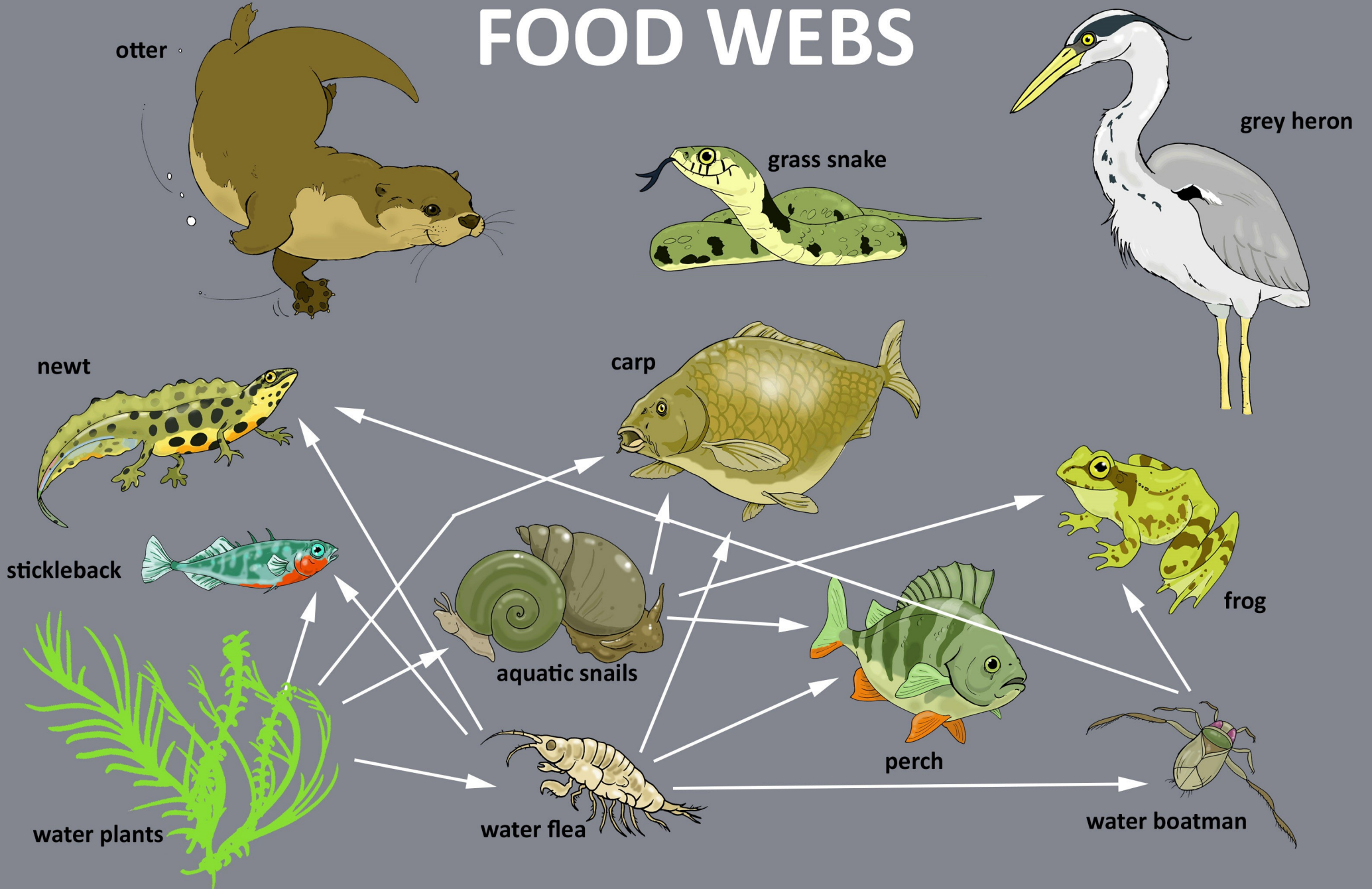
perch



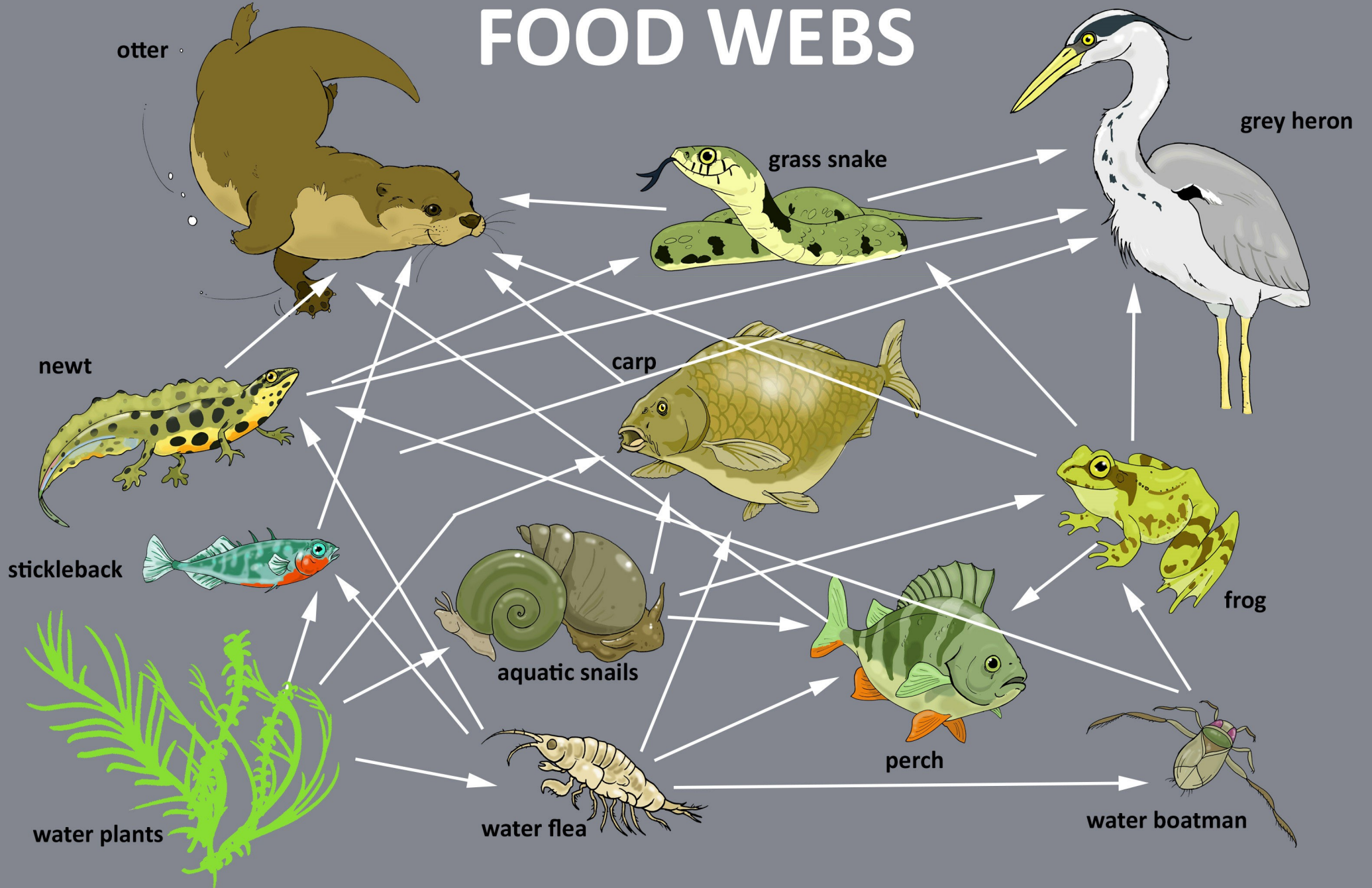
water boatman



FOOD WEBS



FOOD WEBS




TASK - WILDCARDS

WILD CARDS


WILDLIFE OF THE UNITED KINGDOM SET





















Use with learning materials @ www.livingworldeducation.com/food_chains



























Create food chains, food webs or use for a classification sorting activity!



DO NOT PRINT THIS PAGE. RECYCLE WASTE PAPER



 oak tree leaf	 oak tree acorn	 house sparrow	 nettle	 wood mouse
 badger	 ladybird	 blackbird	 garden orb spider	 mallard
 bluebell	 common frog	 earthworm	 apple tree blossom	 apple
 blue tit	 blackberry	 brown hare	 grey squirrel	 garden snail

 woodlouse	 jay	 tadpole	 common toad	 common carp	 peacock butterfly	 great pond snail	PREDATOR	PREY	ANIMALS
 stickleback	 common lizard	 honey bee	 adder	 millipede	 otter	 dandelion	FISH	PLANTS	VERTEBRATES
 hedgehog	 perch	 kingfisher	 red fox	 great black slug	 algae	 robin	PRODUCERS	REPTILES	AMPHIBIANS
 grass snake	 grass (leaves + seeds)	 smooth newt	 great tit	 rowan (leaves + berries)	PRODUCERS	CONSUMERS	MAMMALS	BIRDS	INVERTEBRATES

Download the WILD CARDS resources and use them to create posters of...

A, Food chains

B, Food webs

HERBIVORE *plant eaters*



diet =
grasses

incisors

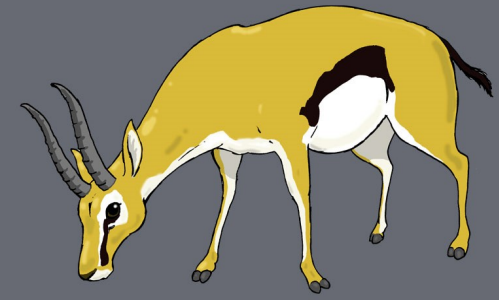


molars

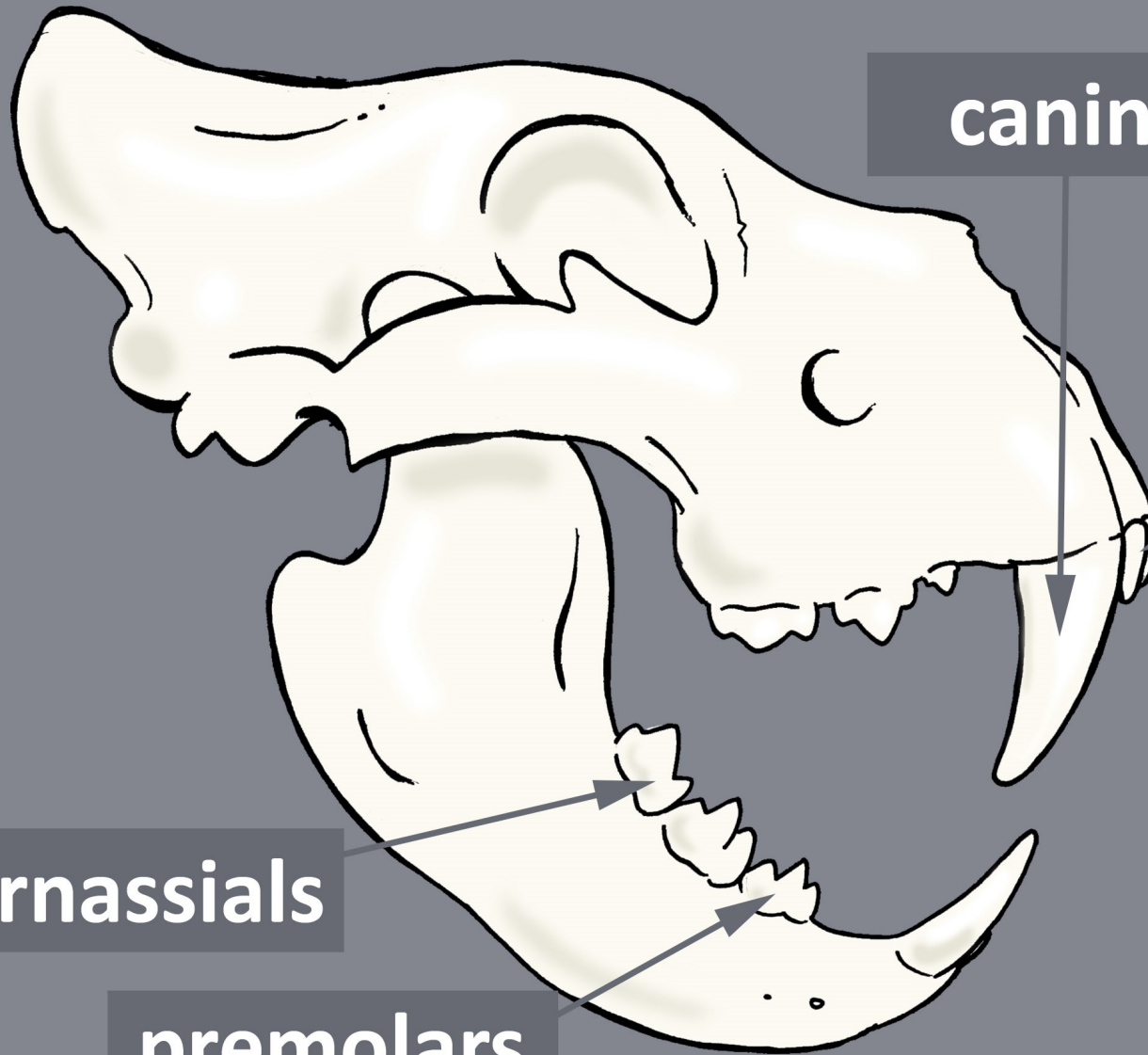


e.g. zebra

CARNIVORE *meat eaters*



diet = meat



canines

incisors

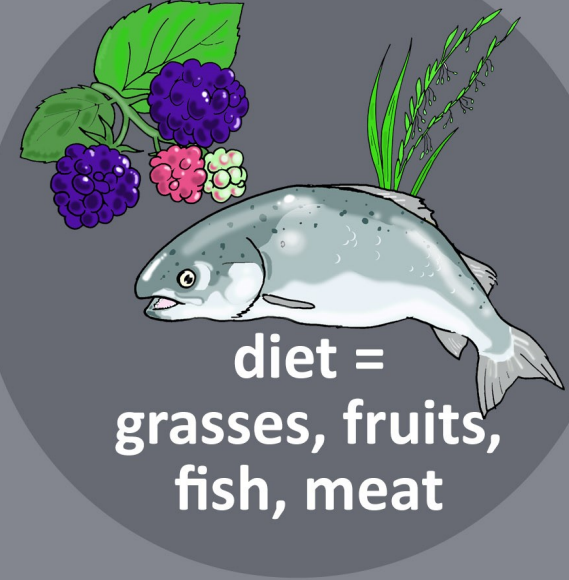
carnassials

premolars



e.g. lion

OMNIVORE *plant and meat eaters*



incisors

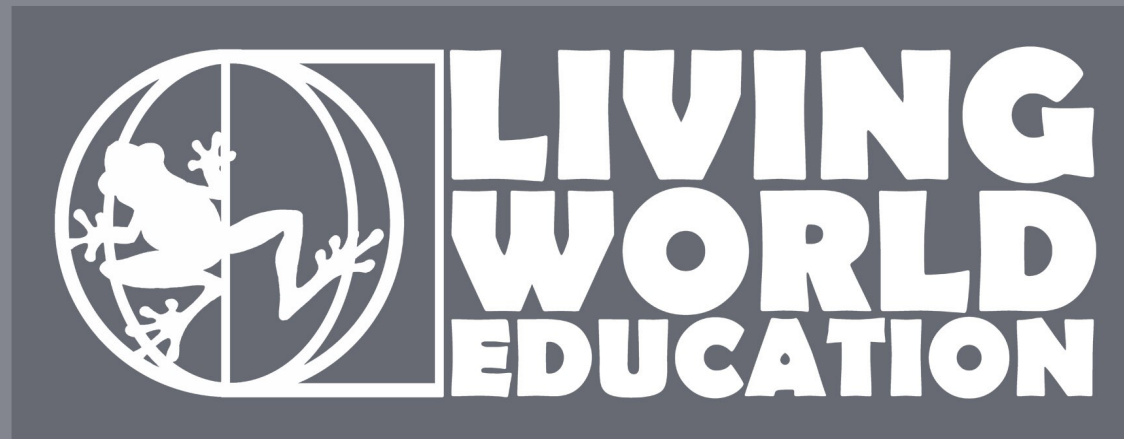
canines

molars

premolars



e.g. grizzly bear



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