

Animal Senses:

Sight





An owl has eyes on the front of its head because an owl is a predator- it hunts and eats other animals.



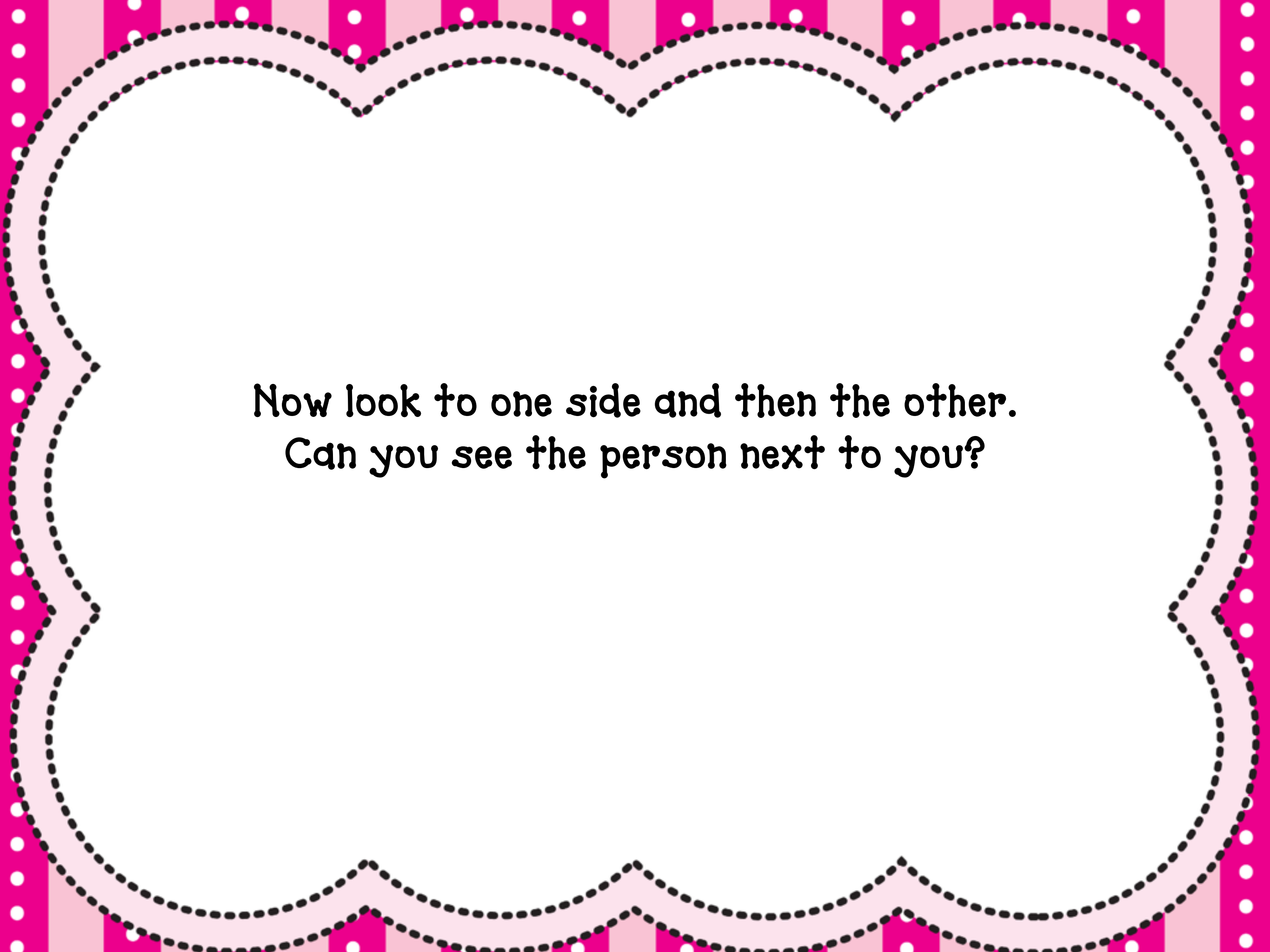
A rabbit has eyes on the sides of its head- they are hunted for food by other animals (including owls).



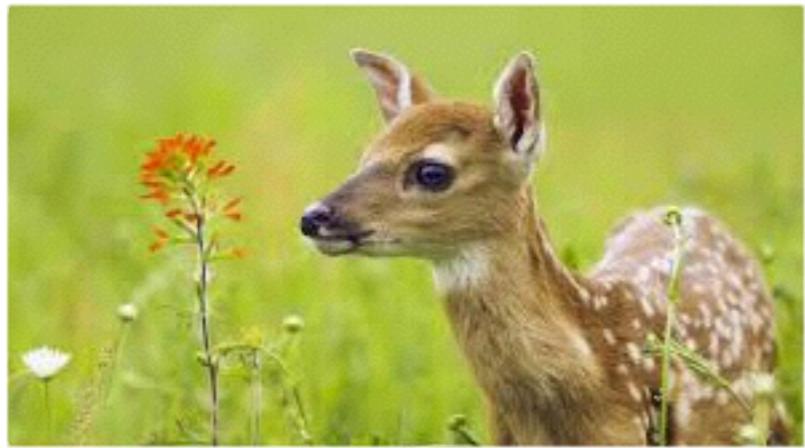
Let's use our "binocular hands!"
Can you see the child sitting next to
you without turning your head?



**Animals that hunt (lions, wolves, owls)
have eyes on the front of their heads.**



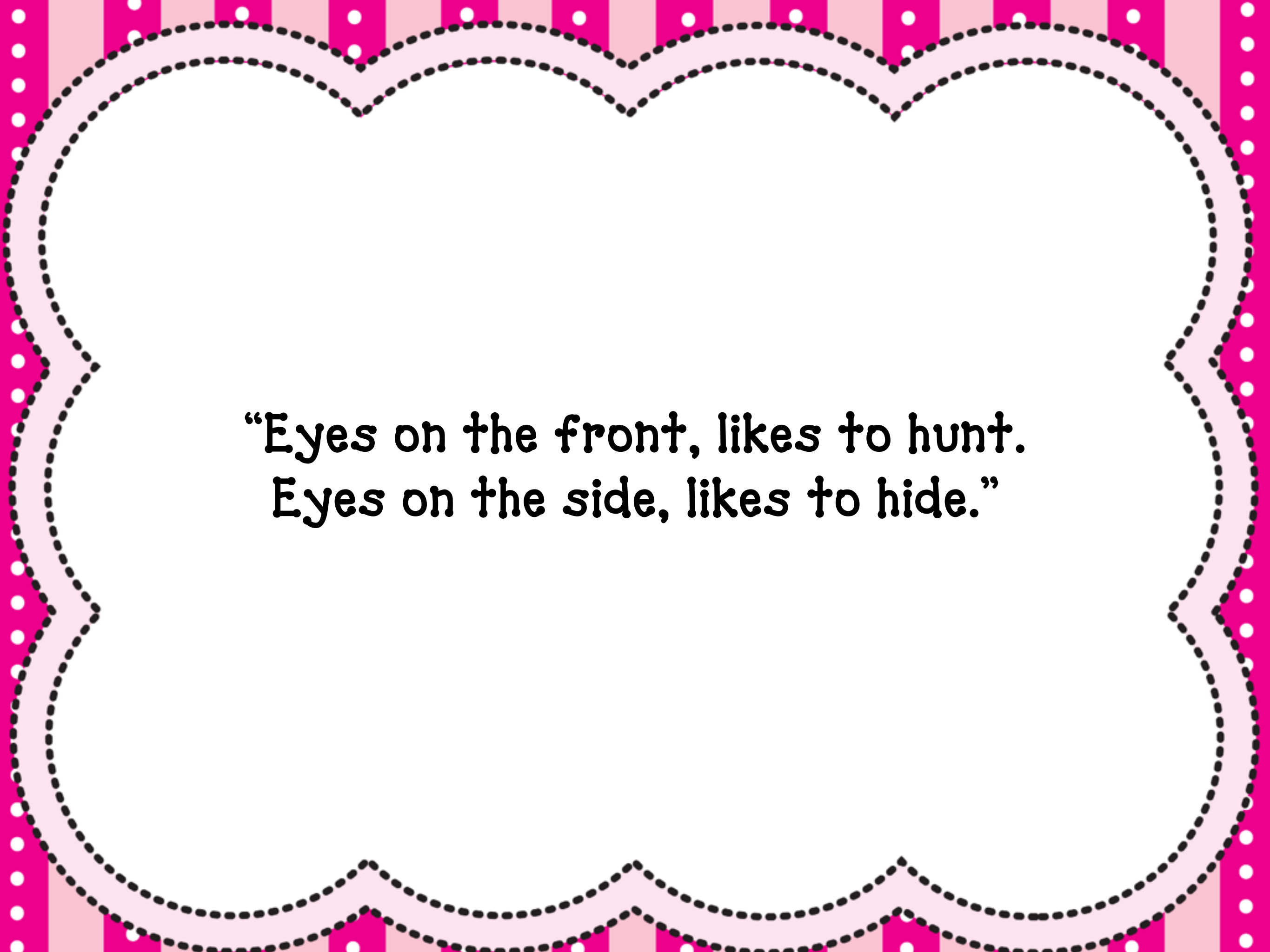
Now look to one side and then the other.
Can you see the person next to you?



**Animals that are hunted (rabbits, mice, deer),
have eyes on the sides of their heads.
They can see to the front but also to the sides.
Their eyes help them see predators.**

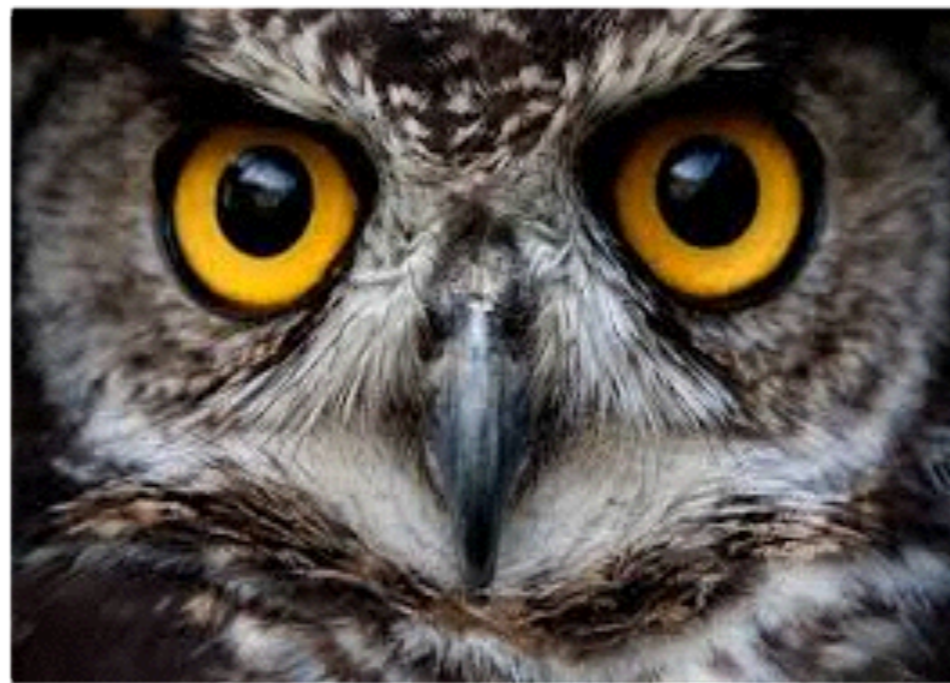


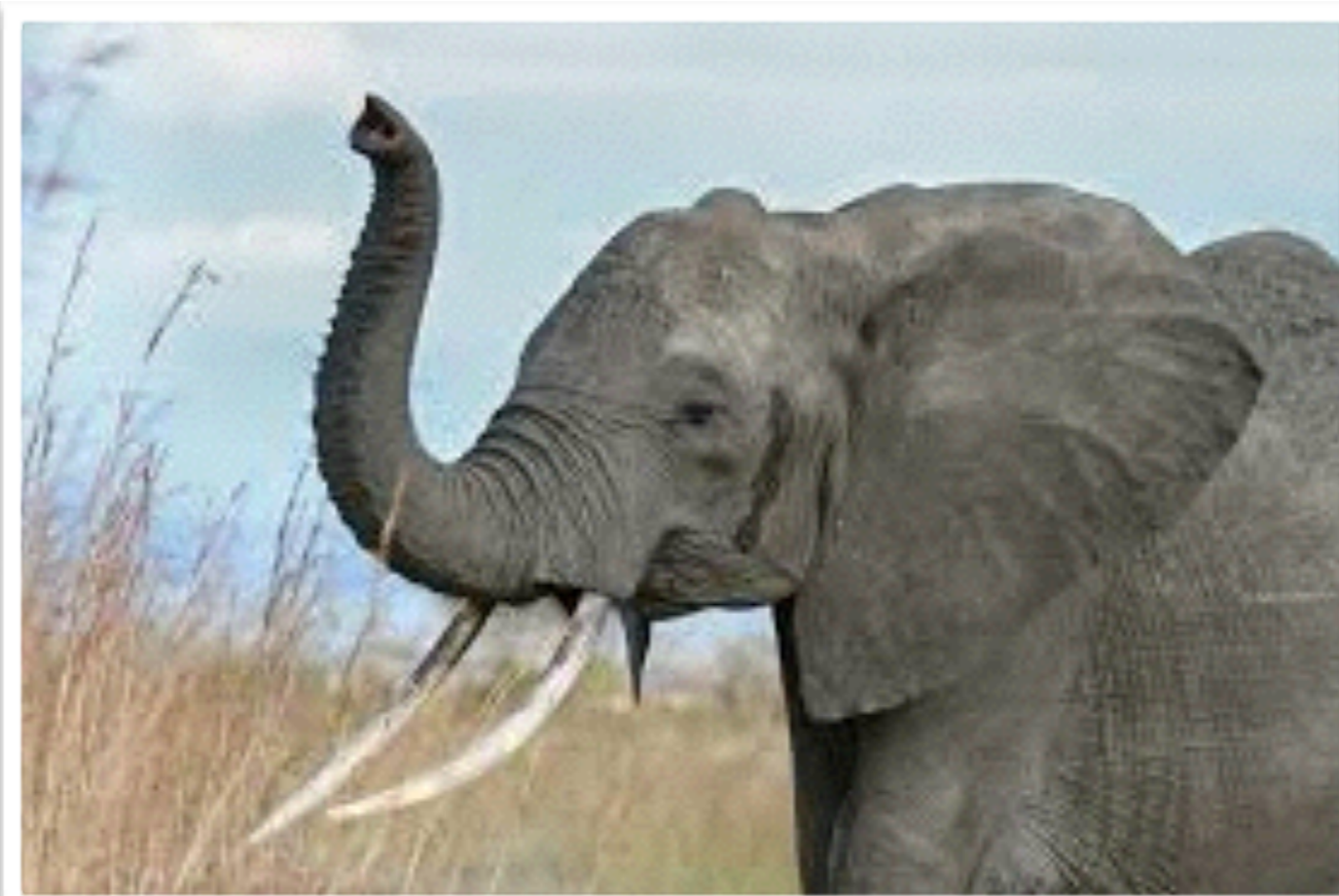
Humans can see to the side a little while looking straight ahead but not as well as animals with eyes on the sides of their head.



**“Eyes on the front, likes to hunt.
Eyes on the side, likes to hide.”**

Animal Senses: Smell






**Which body part does an elephant use
to smell?**



**Which body part does a snake use
to smell?**



Let's use our sense of smell to locate
"food."

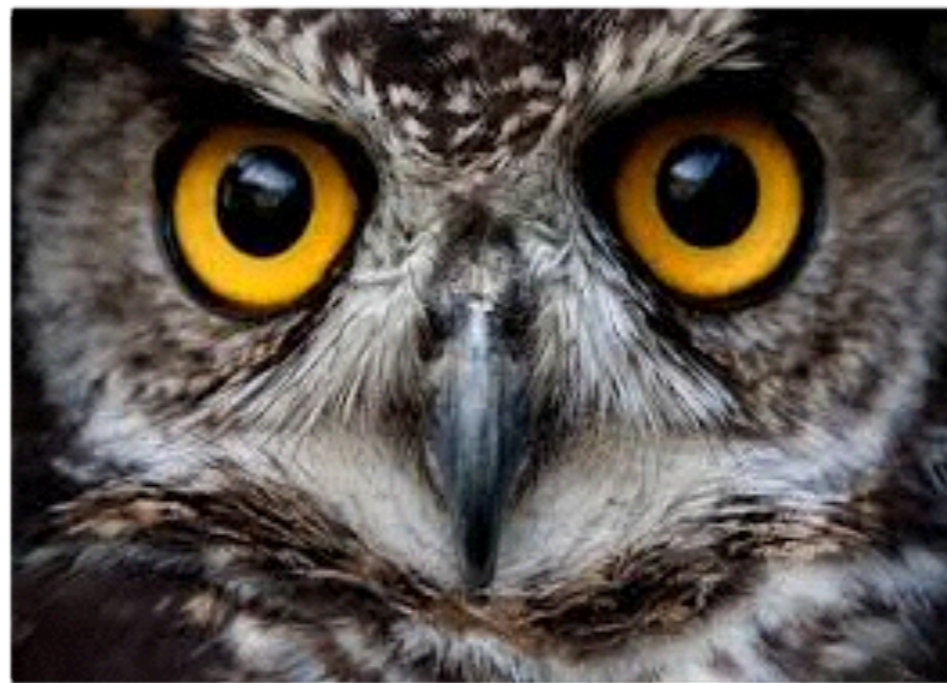
Pretend you are an animal looking for
food.



**How would senses help an animal meet
its basic needs?**

**Do all animals use the same body part
to see and smell?**

Animal Senses: Hearing






**Which body part does a rabbit use
to hear?**



**Do you see ears on this worm? How
does a worm hear?**



Let's compare the way we hear
to the way rabbits hear.

Human Ears:

**Say to yourself: Little Bo Peep has lost
her sheep.**

Rabbits Ears:

**Let's cup our ears by placing our fingers
behind our ears and guiding our ears
forward.**

Now say the same rhyme.



Which way was clearer? With human ears or rabbit ears?



Hearing with rabbit ears should
have been louder and clearer.



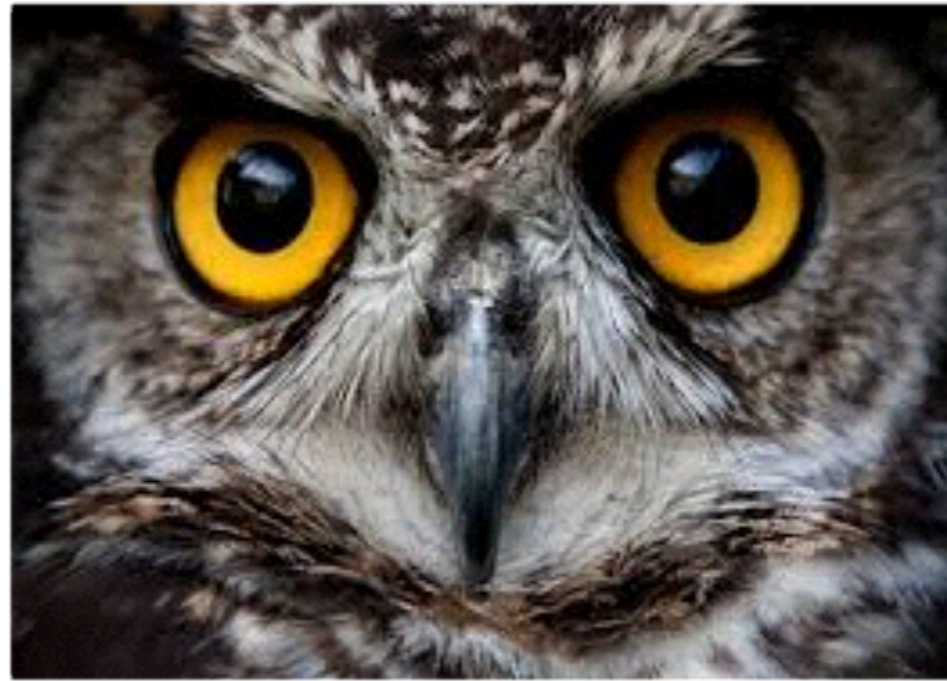
Let's simulate how a worm hears!

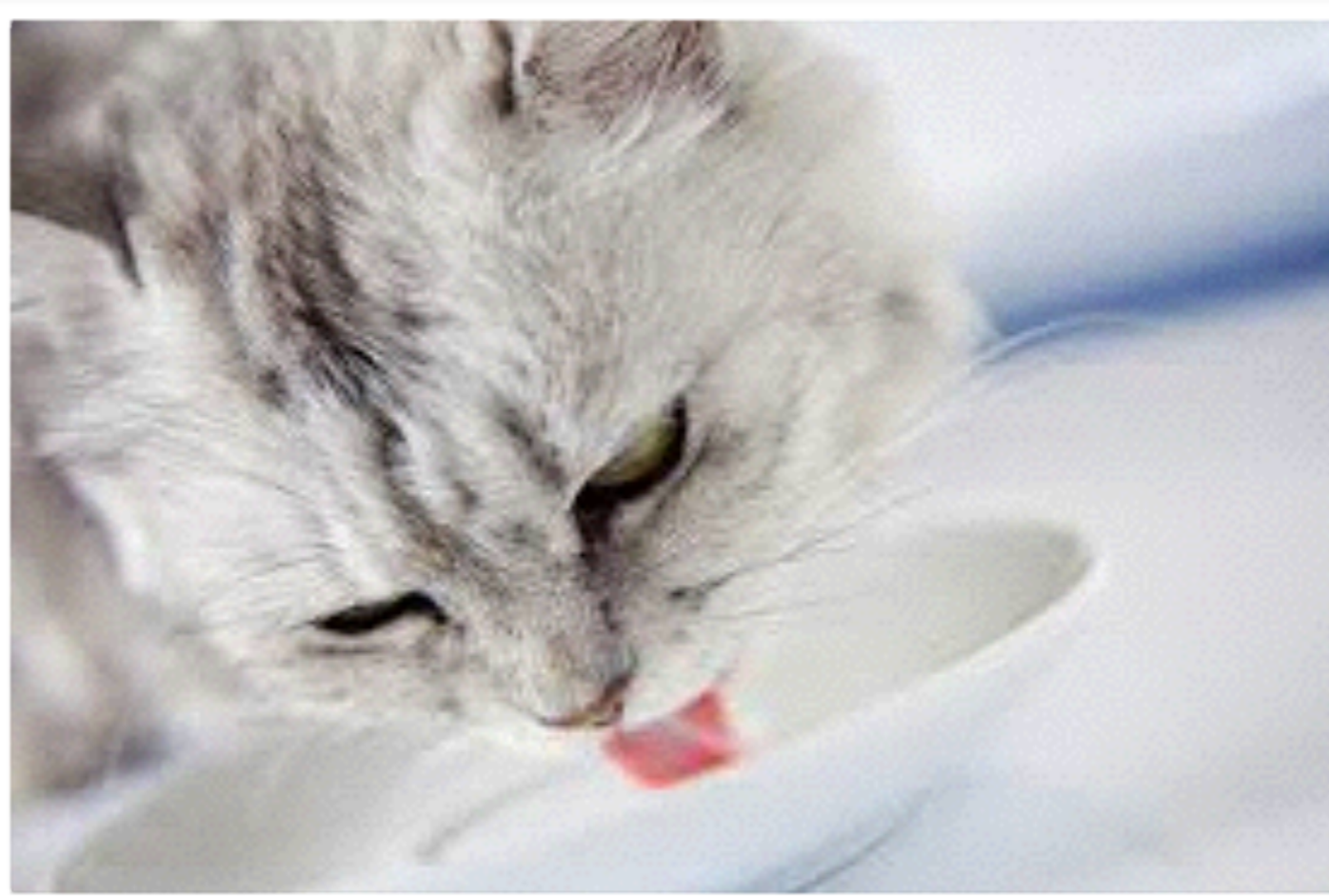


Worms feel vibrations through the ground to know what is nearby.

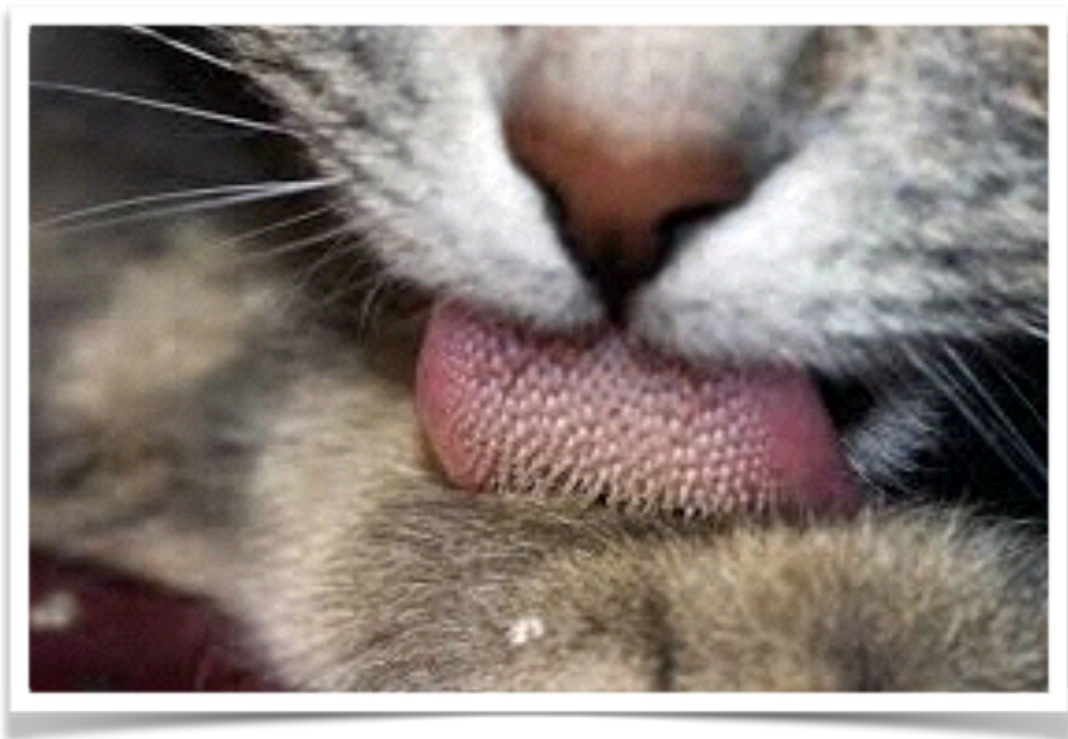
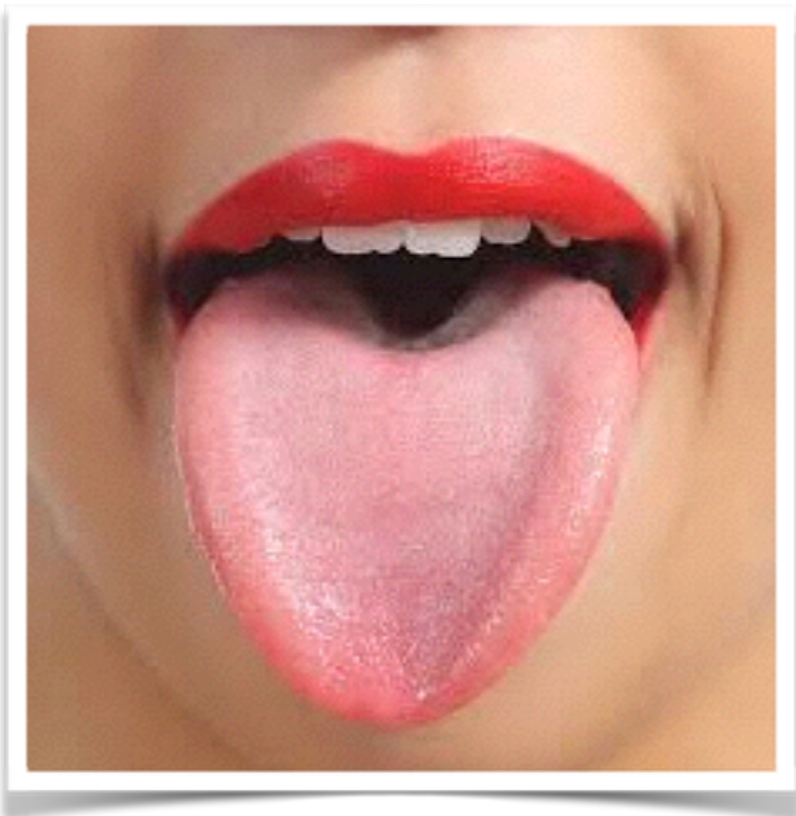
Animal Senses:

Taste

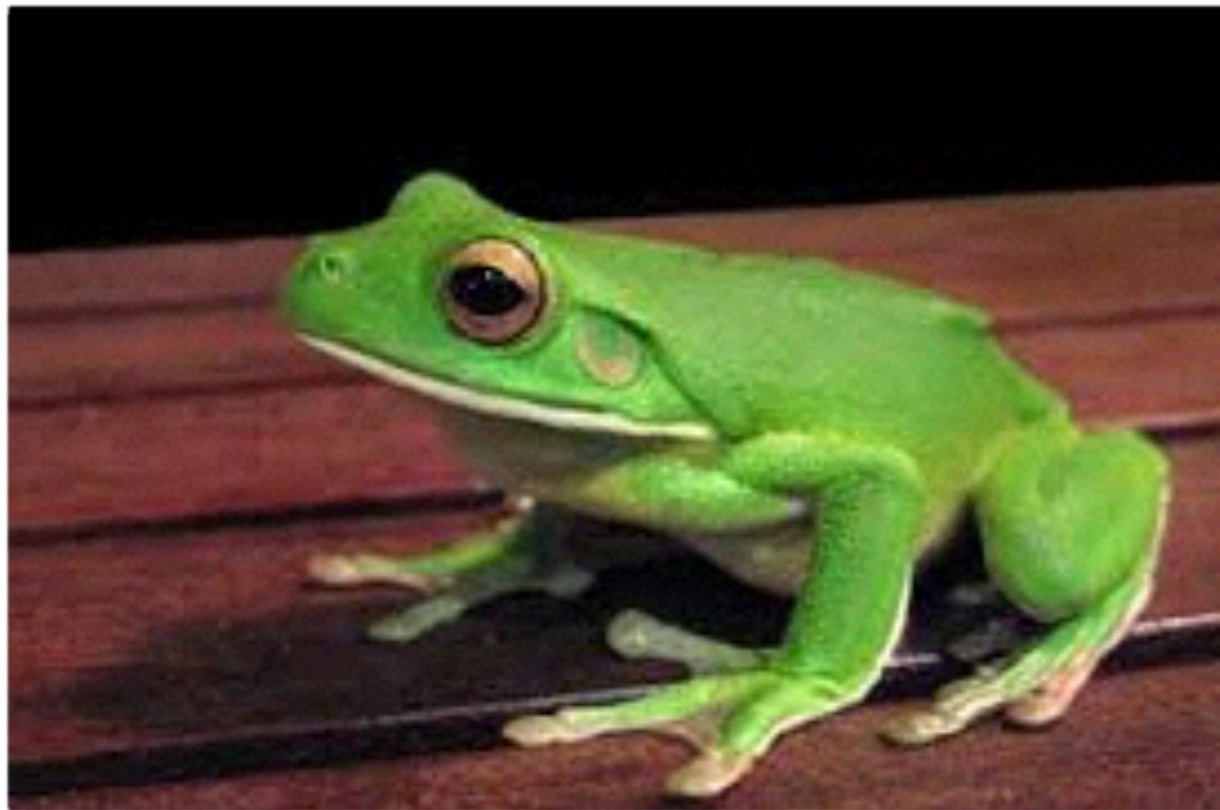




Which body part does a cat use to taste? Let's pretend we are a cat and lap up water.



Human tongues are smooth and cat tongues are rough. A cat's rough tongue helps it catch liquids when it drinks.



**Which body part does a frog use
to taste? How do frogs use
their tongues to catch food?**

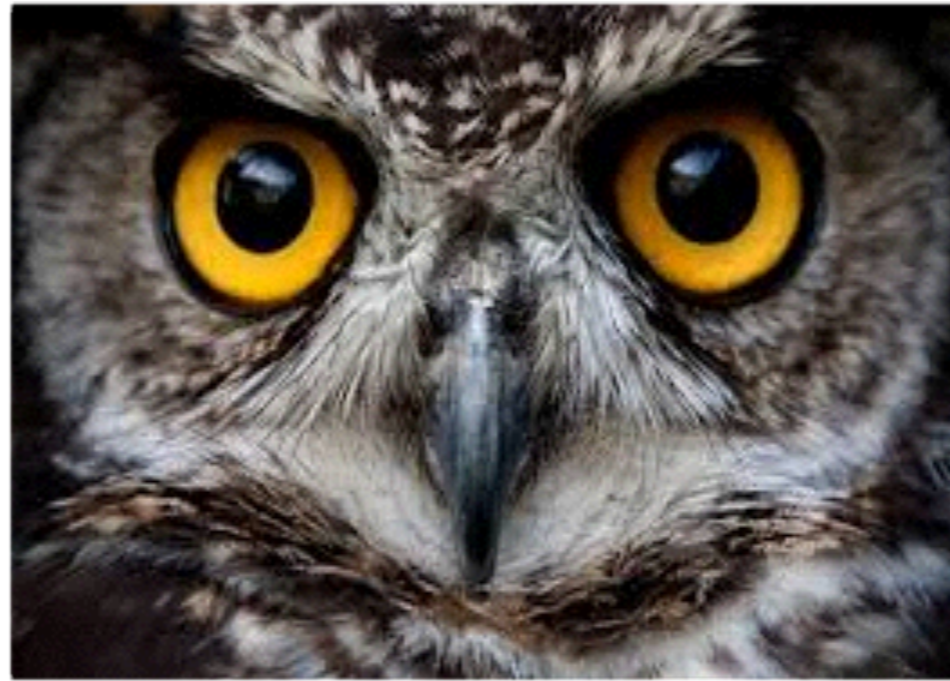


Frogs have long sticky tongues to catch flies or other small insects. Let's watch a video!

Garden Pond And Frogs Eating Insects. Slow Motion iPhone 6S plus

Animal Senses:

Touch





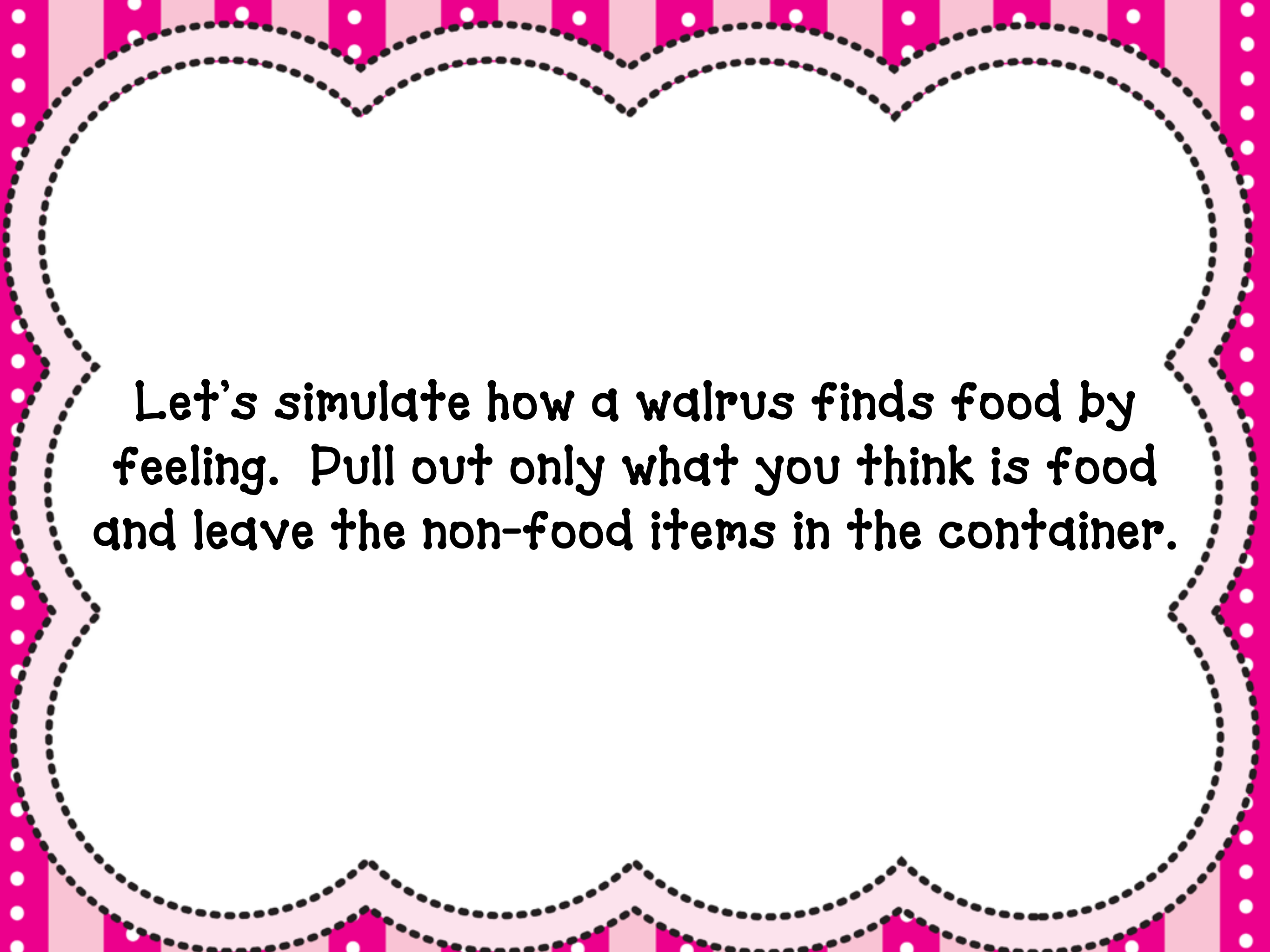
**Which body part does a walrus use
to touch?**



**Which body part does a mole use
to touch?**



A walrus uses its whiskers to poke around on the ocean floor for its food. It knows by feel what is food and what is not.



Let's simulate how a walrus finds food by feeling. Pull out only what you think is food and leave the non-food items in the container.



Moles have tiny ears and eyes so they do not see or hear well. They spend most of their time living underground.



They find out about their surroundings by a combination of touch and smell. Like the worm, they feel vibrations through the ground. The strength of the vibrations tells the mole how close and how large or small something is.