

Explore Invisible Nature

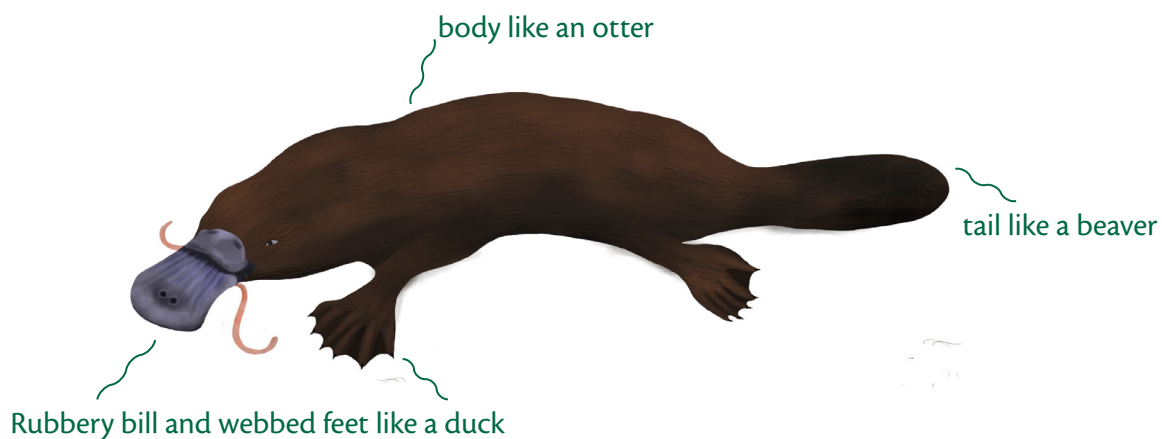
Activities and class resources
for home and school

Invisible Nature explores a world beyond our human senses, revealing the amazing light, scent, sound and forces of nature that other animals use to survive.



Meet one of the weirdest creatures on Earth!

Get your pen and paper ready and meet Anne Wilson, **Invisible Nature** illustrator, to discover how to draw a duck-billed platypus from scratch: **Otter-Barry Books YouTube channel**



You have **five** senses but duck-billed platypuses have **six**. They have a strange sixth sense called electroreception. Duck-billed platypus have 40,000 electric sensory cells on their bill that pick up electrical signals from their prey. They use this electric sense to find food amongst rocks on the bottom of rivers and streams.

Which five senses do you use to survive?

1.
2.
3.
4.
5.

True or false quiz to reveal the true life of this strange animal.

1. It has got spots on its nose because it's often stung by bees.
2. It lives in North America.
3. It is a mammal.
4. It is a reptile.
5. It chases frogs.
6. It gobbles up worms and shrimps.
7. It finds food on the river bed.
8. It hates getting wet.
9. It lives in Australia.
10. Its bill is covered in electric sensory cells.
11. It is the only mammal who uses electric sensory cells to survive.
12. It is the only animal on Earth who has electric sensory cells.

4. false

11. true

9. true

5. false

1. false

6. true

12. false

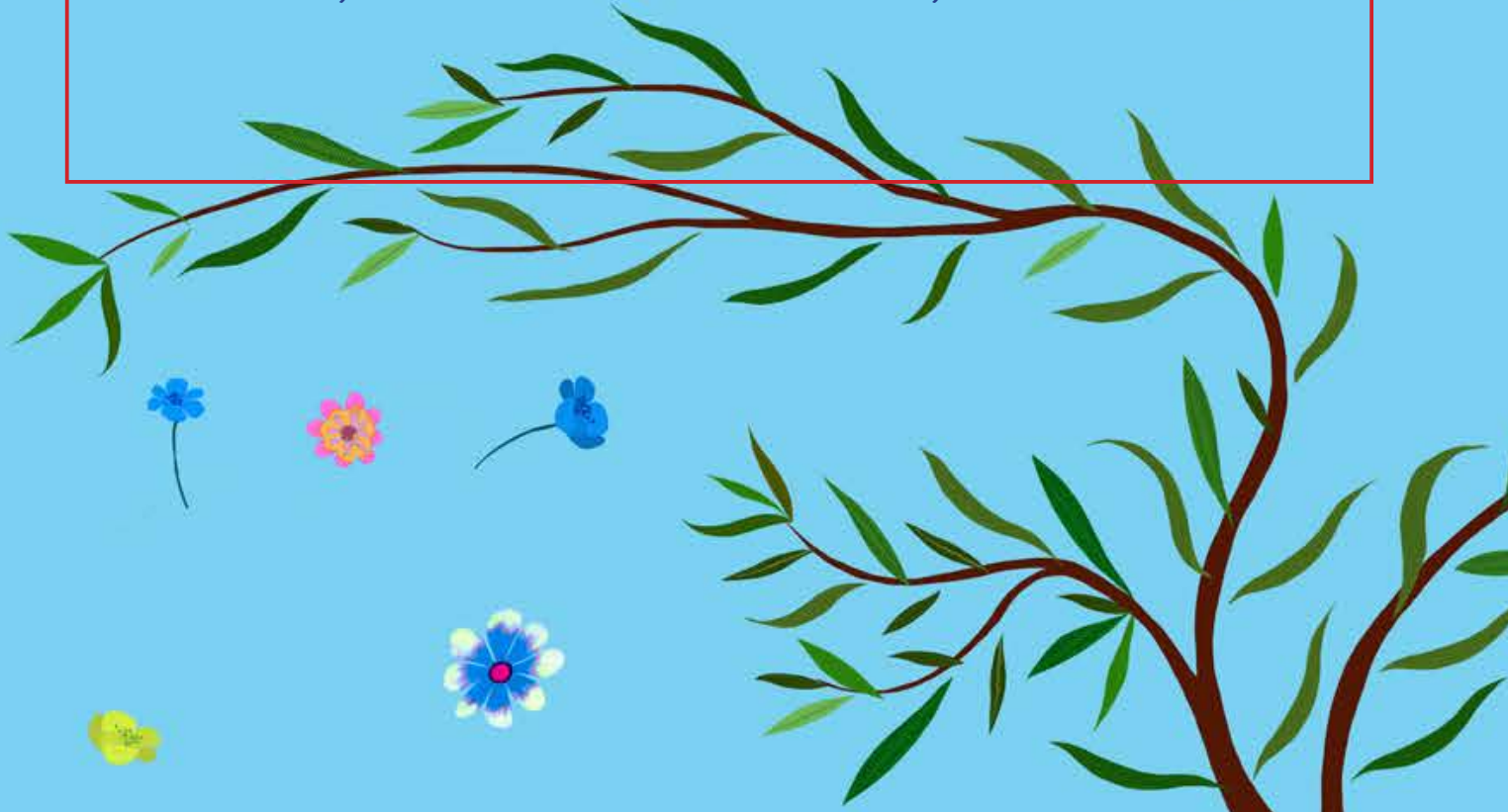
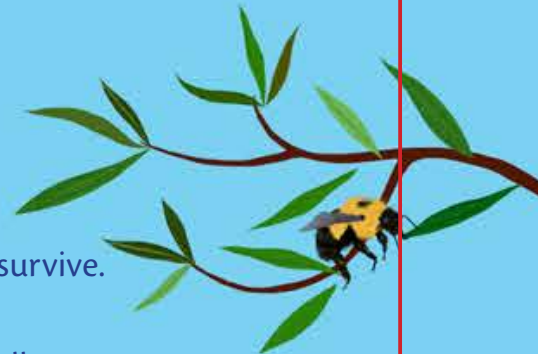
8. false

3. true

2. false

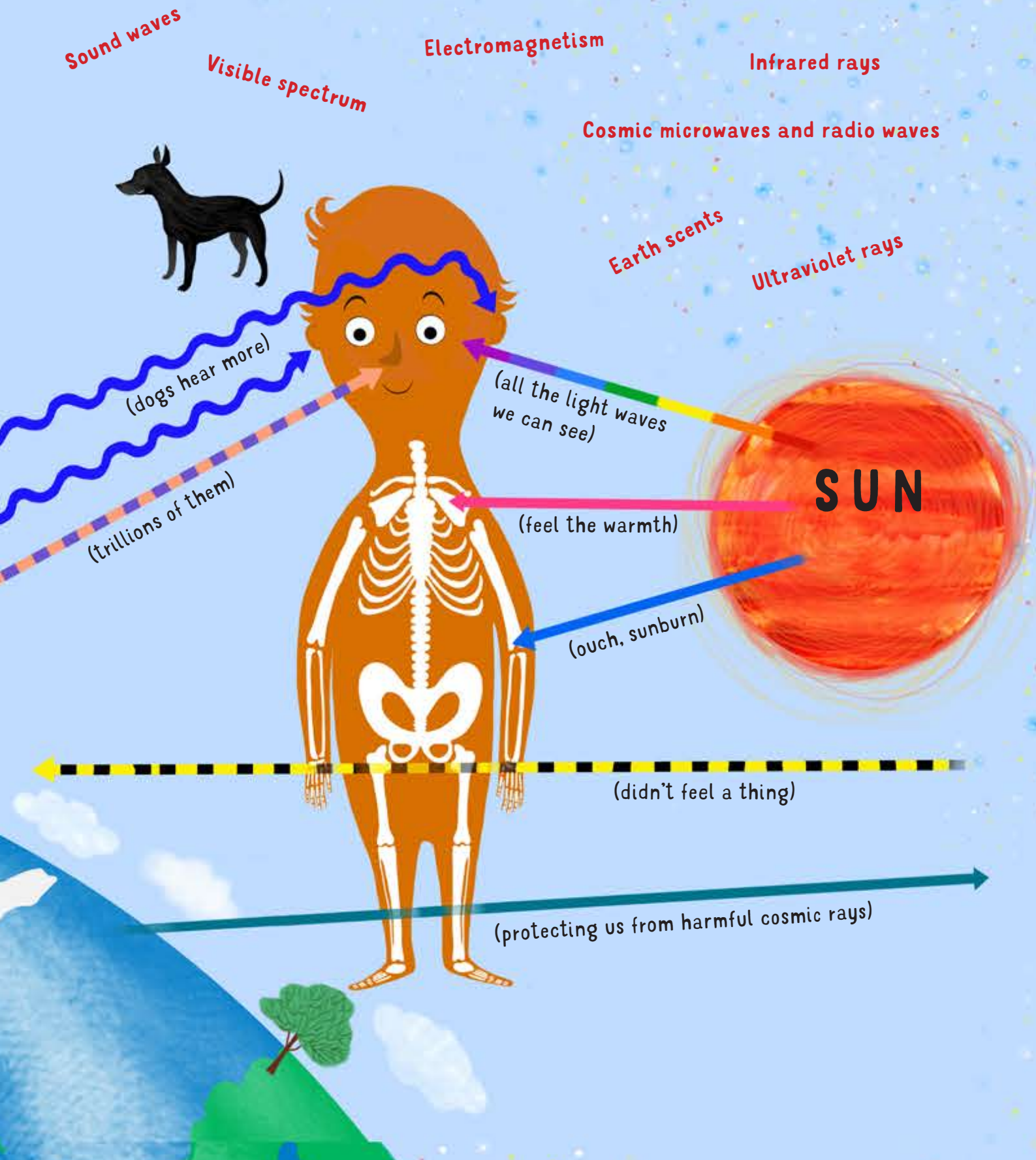
7. true

10. true



Invisible nature and you

Can you match the invisible senses and forces to the arrows, to find out how they affect you?



Discover animal secrets

Explore the book or research safely online to answer these animals' questions and reveal the secret senses they use to survive.



Vampire bats. How do I zoom in on victims?

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Honey bees. How do I know if another bee has stolen the nectar?

.....



Reindeer. How can I spot my food?

.....



Ants. How do I talk to everyone in my colony?

.....



Squid. How do I send messages through the deep blue sea?

.....



Butterflies. How do I send secret messages to my mates?

.....



Dogs. How much better can I smell than you?

.....



Rats. How do I track my prey?

.....



Hammerhead sharks. Why have I got such an enormous head?

.....



Albatross. How do I find food floating 20 miles away?

.....



Killer whales. Why do I whistle and click?

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Elephants. What can I feel through my feet?

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My sixth sense

Imagine having an amazing sense that no-one else understands.

Write a story or a poem to read aloud to your
friends and family.

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