









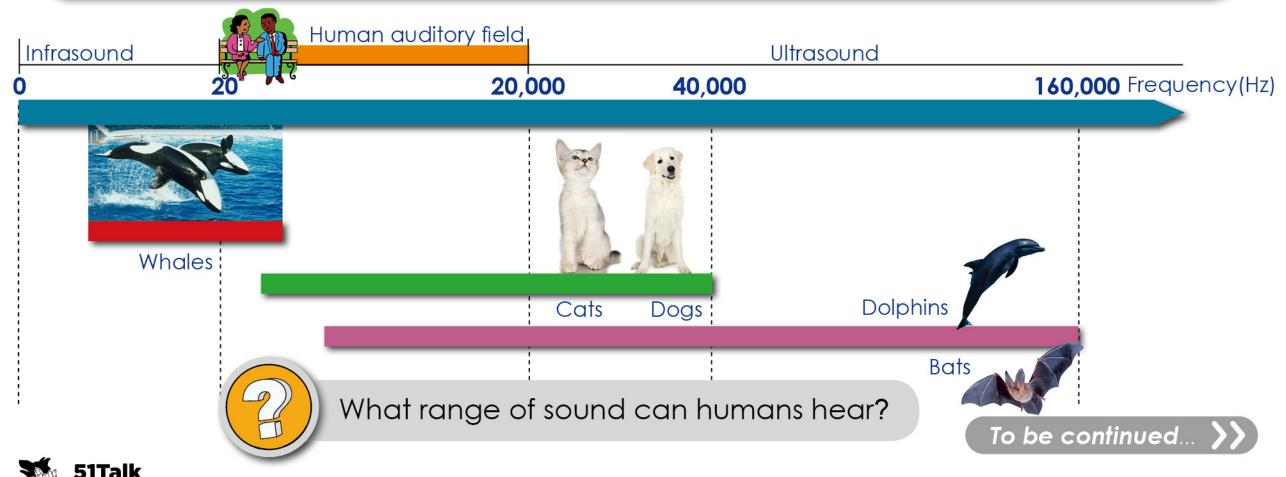
Do you know what sounds these animals make?





# Read with the teacher and then answer the question below.

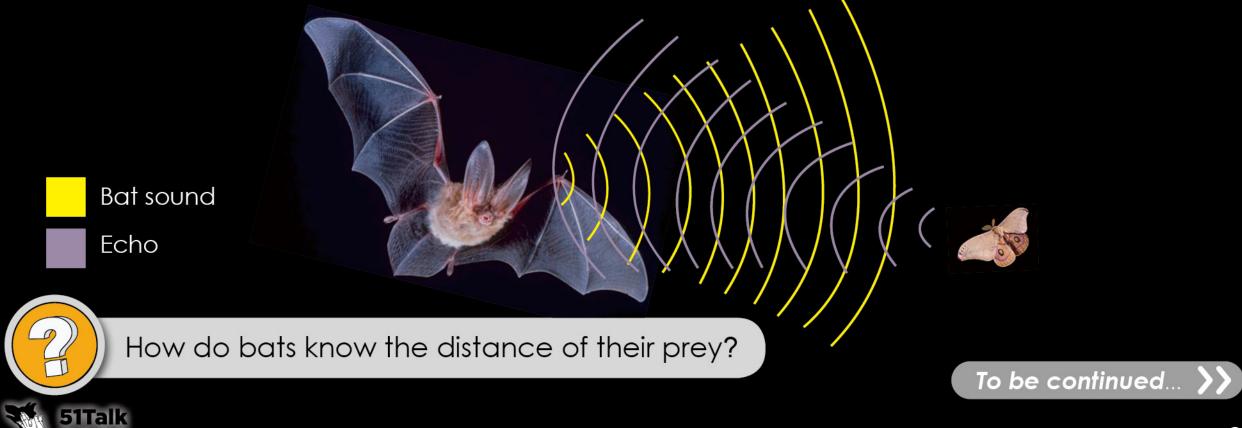
As humans, we can only hear sounds in the range of about twenty to twenty thousand hertz. However, there are many animals that can hear sounds well beyond our range.





## Read with the teacher and then answer the question below.

Bats have a very sensitive sense of hearing, as they use **echolocation** to hear sounds of up to two hundred kilohertz. Bats send out a short but loud sound to hear their prey. The **strength** of the **echo** that is sent back tells them the distance of their prey.





Read with the teacher and then move to the Word Focus.

Whales can hear far better than humans. They produce and hear **infrasonic** sound which can travel great distances in water. With infrasonic sound, whales can communicate with each other across a large ocean.

#### **Word Focus**

- Infrasonic waves can be produced by a large explosion.
- What animal can produce and hear infrasonic sound?

**51Talk** 无忧英语 To be continued...



Read with the teacher and then answer the question below.

Just like bats and whales, ships on the ocean make use of sound to measure the depth of the sea or **detect** objects in their surroundings.





How do ships make use of sound?



Let's practice. >



# Fill in the blanks by using the words from the Word Bank.



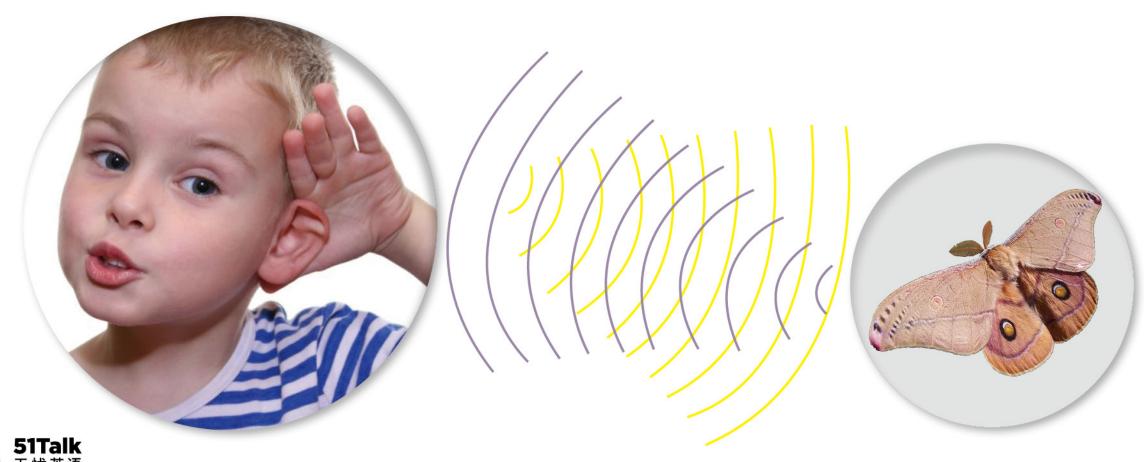






### Discuss with the teacher.

What would you do if you could use echolocation or hear infrasonic sounds? I would detect...





In this lesson, we...



learned about some animals' strong sense of sound.



learned new words.	
□ range	□ echo
$\square$ echolocation	$\square$ strength
□ infrasonic	□ detect



