

# YOUR EARS

# Level 3-4

It's important in my position to hear other player's calls. Did you know that you have a hearing system that is basically channelled through your ear holes? The sound moves down this tunnel to your eardrum. A small piece of skin vibrates, then passes it through some tiny bones and then through to your brain. Your brain works out where it came from and decodes it. Easy eh!



## TRY THESE

Block your ears and talk. Why can you still hear yourself? Now this gets complicated!

Speak into a microphone and get your voice taped. Replay it. Does it sound like you?

## FACTS

1. The sounds we make come from air passing through our voice box (larynx).
2. The movements of your teeth, lips and tongue can change sounds.
3. The semicircular canals in the ear help us to maintain our balance.
4. Continual rubbing from scrummaging causes cauliflower ears.
5. The three bones inside your ear are called the hammer, anvil and stirrup.
6. Earwax helps to trap dust and stop it getting into your ears.



## HEALTH TIP

LOUD NOISES CAN DAMAGE YOUR HEARING. WEAR EARMUFFS OR PLUGS IF YOU ARE SOMEWHERE WHERE THERE IS LOUD NOISE.



## TRY THIS

Using paper cups or cans, thread a long piece of string through them and knot them so they don't pull out. Keeping the string tight, ask a friend to go and listen at one end as you ask them some interesting questions. The vibrations actually move along the string from one can to the other.