

Sound

Case study

Imagine you're on a beach, and you hear the sound of ocean waves. These sound waves travel from the water to your ears. These waves travel through the air in the form of compressions and rarefactions, eventually reaching your ears.

- 1) What factors might affect the loudness and pitch of the waves?
- 2) Discuss the importance of protecting your ears from loud sounds.
- 3) Give examples of situations where sound can be harmful and explain the measures one can take to prevent hearing damage.
- 4) Write about how different animals use sound for communication.