**TEACHER'S GUIDE**

Listening activities and suggested answers

# Why do we fart?

This version: English | Duration: 9:28 (about 9 min)

Published languages: English, Finnish.

YouTube: youtu.be/q54lQHHb0ME
Spotify: open.spotify.com/episode/4EKVNEud7Qb58AjUo1UI0T

Introduce the questions before listening. Students write answers after the whole episode. Discuss their answers as a class or in pairs.

*Suggested answers are in italics. Accept students' own wording when the meaning is correct.*

### 1 What are two sources of intestinal gas?

*Some gas is air swallowed while eating and drinking. Some is produced as gut microbes use food materials.*

### 2 Why can a small amount of gas smell strongly?

*Most of the gas has no smell. Tiny amounts of strong-smelling substances, including sulfur compounds, can still be very noticeable.*

### 3 How is a fart's sound made?

*Escaping gas makes tissues around the opening vibrate. Airflow, pressure and the shape of the opening affect the sound.*

### 4 Make a comic about gas on the move

*The panels form a sensible chain. Microbes can produce gas, and vibrating tissues make sound as it leaves. Funny characters are welcome if the explanations remain correct.*

Teaching tip: If cartoon microbes wear chef hats, distinguish the analogy from reality.