TEACHER'S GUIDE

Listening activities and suggested answers

The Race to the Moon

This version: English | Duration: 10:45 (about 11 min)

Published languages: English, Finnish.

YouTube: youtu.be/A2FeVf-lYsE
Spotify: open.spotify.com/episode/6QbtMDpjuXxwfChCi78TPX

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 Why did Saturn V discard empty stages?

A used stage added unnecessary mass. Discarding it meant the remaining rocket did not have to carry the empty structure onward.

2 What did Michael Collins do while the others were on the Moon?

He stayed in the command module in lunar orbit, kept it working and prepared to meet Armstrong and Aldrin when they returned.

3 What protected the crew during the return to Earth's surface?

The heat shield protected them during atmospheric re-entry. Parachutes slowed the final descent before splashdown.

4 Draw the journey home from the Moon

The stages are in a sensible order. An engine, docking equipment, a heat shield or a parachute is linked to a suitable stage. Precise technical drawings are not required.

Teaching tip: Simple drawings joined by arrows are enough.