



Unit 8 — Science and Society

Track E · Klasse 10 · Niveau E

Learning objectives

- *I can read a short popular-science article and identify the main finding and one limitation.*
- *I can use vocabulary of scientific reasoning (hypothesis, control group, sample size, peer review).*
- *I can write a 220-word science-and-society reflection.*

Lead-in

Maja read a popular-science article about a four-day school week trial in a small Belgian district. Test scores were unchanged. Pupil well-being scores were higher. Cost savings were real. *And the catch?* Maja wrote in the margin. Two paragraphs later: *the Friday childcare problem.*

Vocabulary

- hypothesis
- variable
- control group
- sample size
- peer review
- replication
- statistical significance
- confidence interval
- limitation
- scaling
- generalisability

Practise

- Match: control group → comparison; peer review → expert check; replication → re-running. (T / F)
- T or F from text: 14 trial schools, 14 control schools, peer-reviewed, no limitations.
- Build 4 sentences using science-of-evidence vocabulary about the four-day school week trial.

Your turn

Reflection, 220 words. Take a position on whether you would support a four-day school week trial in your area. Use 4 scientific-reasoning terms + 2 hedges + 1 *despite* / *given that*.

Reflect

- I can identify a main finding and one limitation in a popular-science article.
- I can use 6 scientific-reasoning terms.
- I can write a 220-word science-and-society reflection.