



Współfinansowane
przez Unię Europejską



Teacher Script – Water Footprint (Food)

Lesson Objectives:

- Students understand the concept of a water footprint, especially in food production.
- Students can identify foods with high and low water footprints.
- Students learn how daily food choices impact global water resources.
- Students practice using digital tools to explore environmental data.

Materials Needed:

- Computers for each student
- Internet access
- Nearpod lesson code
- Headphones (optional)
- Projector and teacher computer

1. Introduction (5 minutes)

- Ask students to join Nearpod using the code.
- Introduce the topic: hidden water use in food production.

2. Poll: How much do you know about Earth's water? (3 minutes)

- Students vote.
- Discuss results briefly.

3. Brainstorm: How do people use water? (5 minutes)

- Students type answers individually.
- Display and discuss responses.

4. Video 1: Introduction to Water Use (7 minutes)

- Students watch: <https://www.youtube.com/watch?v=le1ukZBcvBY>
- Ask: “What surprised you most?”

5. Supporting Slides (1–2 minutes)

- Explain diagrams shown in Nearpod.

6. Video 2: Water Use in Agriculture (7 minutes)

- Students watch: <https://www.youtube.com/watch?v=0HZeagYKFaE>

- Ask: What are green, blue, and grey water?

7. Product Gallery Exploration (8 minutes)

- Students explore: <https://www.waterfootprint.org/resources/interactive-tools/product-gallery/>
- Task: note 3 foods with high water footprint.

8. Dinner Party Menu Challenge (8–10 minutes)

- Students design a low–water footprint menu for 4 people.
- Share results.

9. Time to Climb Quiz (5 minutes)

- Students complete the Nearpod quiz.
- Show leaderboard.

10. Optional Closing Video (2 minutes)

- <https://www.youtube.com/watch?v=-DzV3-1InTQ>

11. Final Reflection (2 minutes)

- Ask: “What is one change you can make to reduce your water footprint this week?”



Ten plan lekcji dostępny jest na licencji Creative Commons Uznanie autorstwa 4.0 Międzynarodowa (CC BY 4.0).

Autor: SP1 Konstancin-Jeziorna, Anna Gorgoń

Licencja: <https://creativecommons.org/licenses/by/4.0/deed.pl>