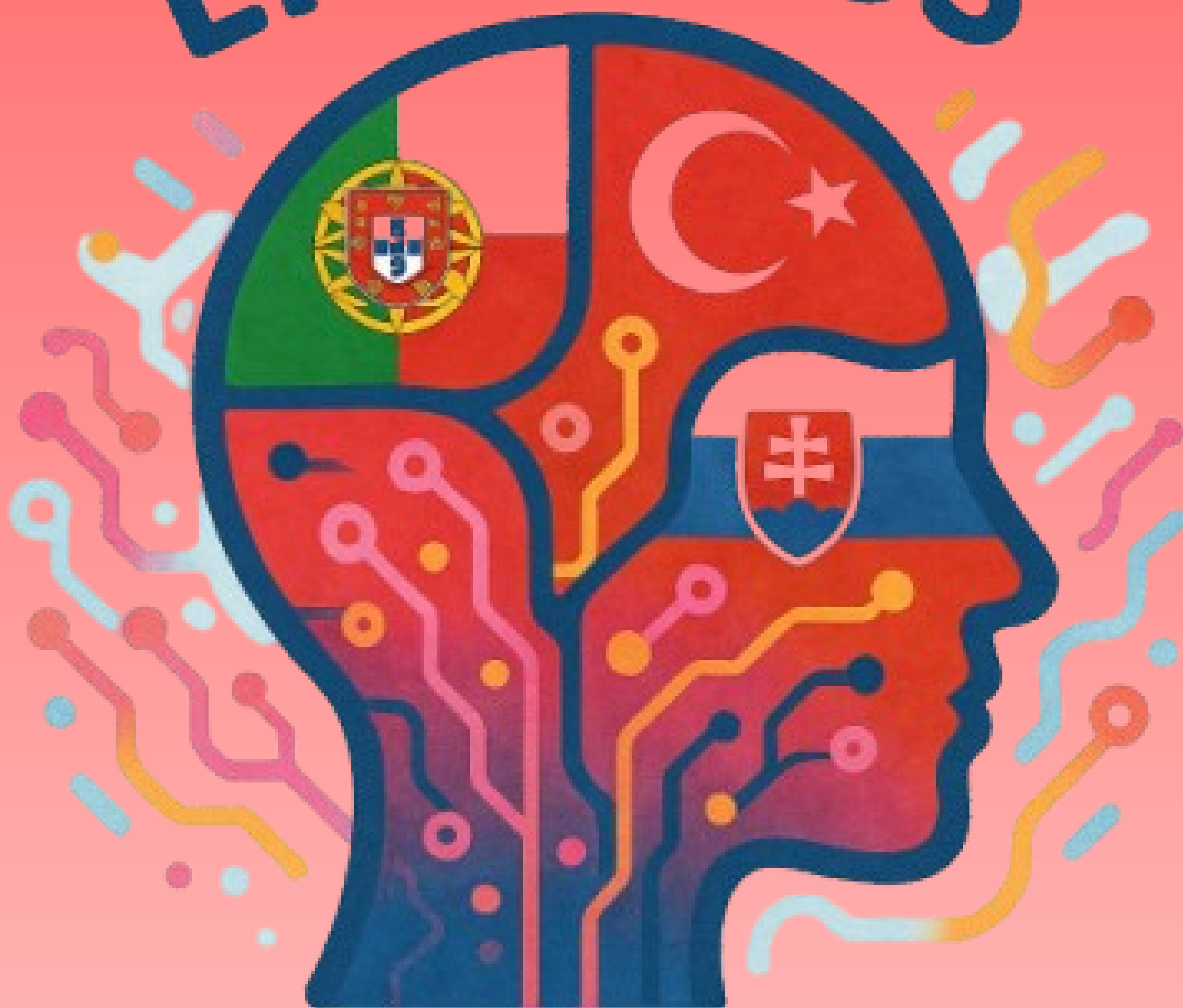
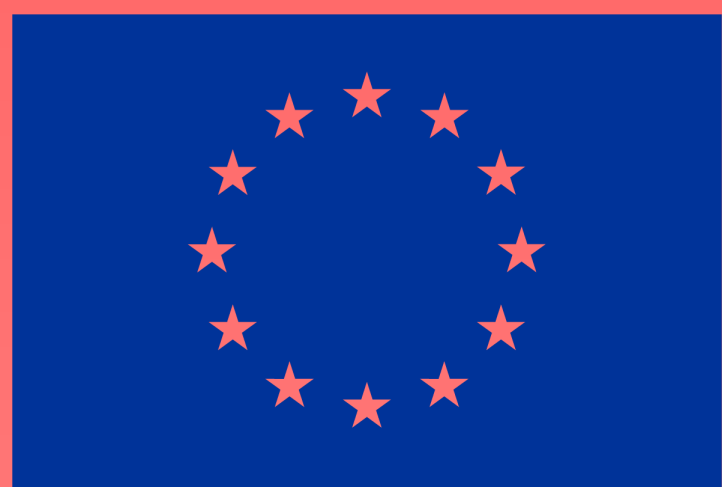


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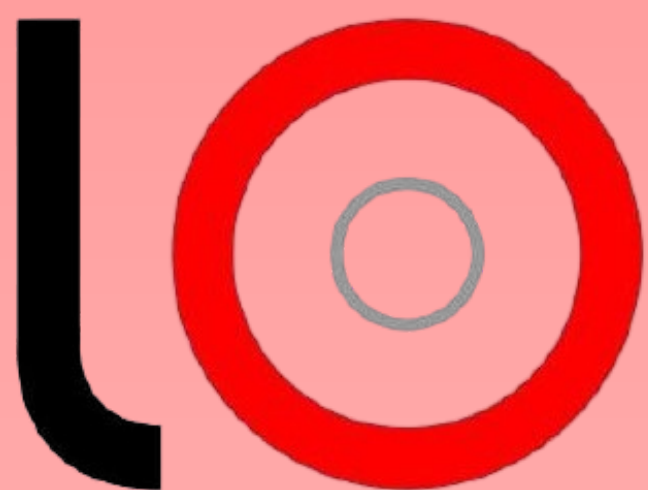
THE USE OF ARTIFICIAL INTELLIGENCE IN FORMAL EDUCATION



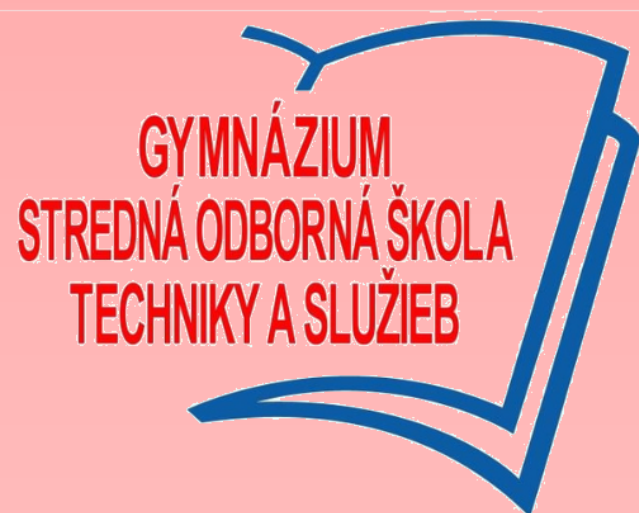
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The use of AI in languages

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SCIENCE AND TECHNOLOGY: PAST, PRESENT AND FUTURE WITH AI

ACTIVITY DESCRIPTION

OBJECTIVES:

- practising vocabulary on science and technology
- practising the structure “used to”
- practising writing
- practising speaking
- developing critical thinking and reflection
- understanding individual impact on others
- developing creativity

Tekst akapitu

TARGET GROUP:

Secondary school students
aged 14-19 (B1/B2 English level)

TIME AND SPACE:

Duration: 45 minutes
Classroom with access to
internet, interactive board and
space for group work

METHODS:

Brainstorming
Group discussion
Guided practice
Project-based learning
AI-assisted creative tasks

TOOLS:

Worksheet for students, Paper sheets
Highlighters, PCs / mobile phones
Interactive board, Internet connection

AI TOOLS:

ChatGPT – for generating descriptions, ideas and texts
DALL·E (optional) – for visualising ideas

1. Warm-up Activity (5 minutes)

Students are asked questions:

- Can you imagine your life without the Internet? Why / Why not?
- Do you read e-books?
- Which piece of technology do you find the most useful in your daily life?
- How soon after waking up do you check your mobile phone?

Students briefly discuss in pairs and share answers with the class.

2. Video Activity (8 minutes)

Students watch the video:

<https://youtu.be/DENG7Q7VRgo>

Teacher may pause the video to explain vocabulary if needed.

After watching, students answer:

- What services and technologies were shown?
- How do people use technology in everyday life?

3. Grammar Practice – “Used to” (5 minutes)

Based on the film, students compare their lives with their parents’ and grandparents’ lives using “used to”.

Examples:

- People used to shop in physical stores, now they shop online.
- People used to pay with cash, now they use mobile payments.

Students create their own sentences and share them.

4. Discussion – Critical Thinking (7 minutes)

Students discuss the following questions in groups:

- Is technology a blessing or a curse?
- What safety challenges are connected with using smartphones?
- What simple things can everyone do to make using the Internet safer?
- What are the pros and cons of monitoring children’s smartphones and computers by parents?

5. AI Activity – Designing a Future Gadget (12 minutes)

Students are divided into groups.

Task: Design a future gadget that:

- does not exist yet
- is user-friendly
- helps strengthen family relationships

AI Integration:

Students use **ChatGPT** to:

- generate a description of their invented gadget
- create a name and slogan
- describe how it works

Optional:

Students may use **DALL·E** to generate a visual of their gadget.

Example prompt for students:

“Create a description of a futuristic gadget that helps families spend more time together. Include its name, functions and benefits.”

Students write notes on paper and prepare a short presentation.

6. Presentation (5–6 minutes)

Each group presents their gadget:

- name of the gadget
- how it works
- why it is useful

Other students ask questions (guided speaking practice).

7. Wrap-up (2–3 minutes)

Teacher summarizes:

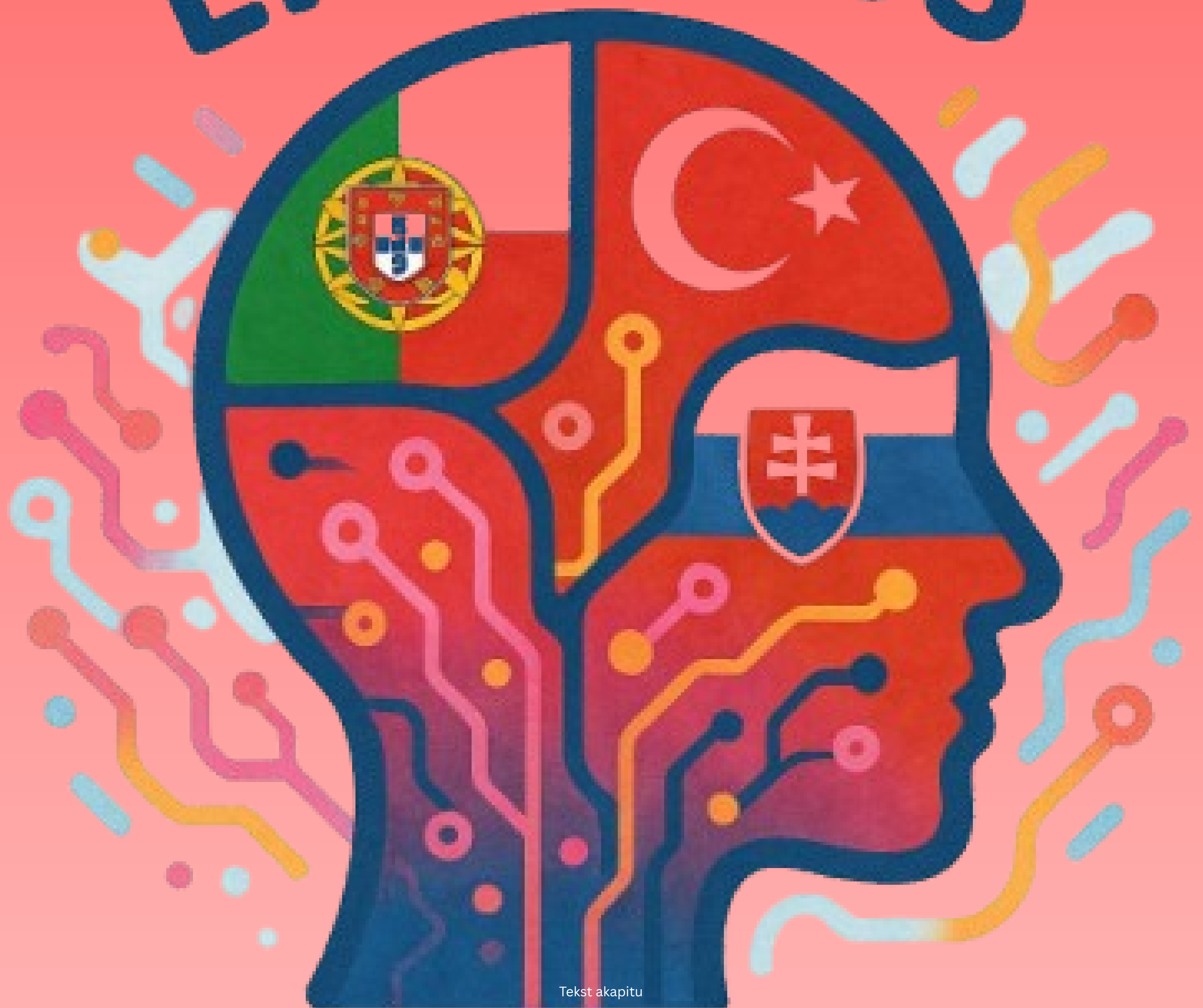
- how technology has changed over time
- how AI can support creativity and learning
- importance of responsible use of technology

Lesson Outcome

Students:

- practise key language skills (speaking, writing, grammar)
- reflect on technology and its impact
- use AI creatively and responsibly
- develop collaboration and critical thinking skills

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