Facts and Misconceptions about Artificial Intelligence

Title: Myth or reality?

Activity: Clarifying common misconceptions about artificial intelligence.

Duration: 25 minutes

Work format: Group work

Materials: 10 cards containing a mixture of myths and facts; a board or shared slides.

Instructions:

1. Each team receives statement cards, for example: “AI thinks like humans” or “AI makes predictions using data patterns.”

2. The teams sort the cards into two columns: “Myth” and “Reality,” then justify each choice in one sentence.

3. The teams review each other’s solutions and add comments.

4. The solutions are summarized, the correct answers are confirmed, and misunderstandings are clarified. The teacher concludes the discussion with explanations related to the answers.

Takeaway: “This is an AI myth I used to believe but now I know is not true.”

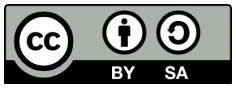
Statements

1. Like humans, AI understands human language.
2. AI can find patterns in large datasets faster than humans.
3. Artificial intelligence is the same as ChatGPT.
4. AI systems can give incorrect or false answers.
5. AI has emotions and intentions.
6. AI systems work in the same way as traditional software.
7. AI can help doctors analyze diagnostic images.
8. If AI answers confidently, the answer is true.
9. AI systems can reflect biases present in their training data.
10. AI can be a useful tool in the classroom if the teacher teaches students how to use it critically.

Answer key: 1 Myth, 2 Fact, 3 Myth, 4 Fact, 5 Myth, 6 Myth, 7 Fact, 8 Myth, 9 Fact, 10 Fact.

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