

TeachME Professional Development

AI Literacy in Elementary and Secondary Education

1. Which of the following best describes how AI contributes to personalized learning?

- A. It adapts content, pacing, and instructional methods to each student's needs.
- B. It assigns students the same tasks, focusing on deep, reflective thinking.
- C. It teaches students the specific critical thinking skills they are lacking
- D. It taps into student passions, talents, and curiosities

2. A school implements an AI system that tracks student performance and behavior. What is the main ethical concern about this AI system?

- A. It may lead to the improper storage of student work.
- B. It could perpetuate biases based on student performance data.
- C. It could reduce teacher-student interaction.
- D. It could violate the Student Record Protection Act (SRPA)

3. How do Intelligent Tutoring Systems (ITS) benefit students?

- A. By offering personalized feedback to help students improve in real-time.
- B. By creating fixed lesson plans that work for every student.
- C. By assisting teachers by providing subjective feedback
- D. By reducing the need for interaction between students and teachers.

4. Which of the following is a significant way AI enhances accessibility in education?

- A. By providing advanced AI-driven gaming systems and badging.
- B. By translating materials into different languages and adjusting reading levels.
- C. By tracking student grades and attendance automatically.
- D. By guaranteeing accurate information in all cases.

5. A school has implemented an AI tool without informing students or parents how their data is being used. What is the main ethical issue in this situation?

- A. The AI tool doesn't comply with district policies.
- B. The AI tool's inability to provide personalized learning experiences.
- C. The lack of transparency regarding data collection and usage.
- D. The AI system is unable to store data for long periods.

6. Which of the following best describes a potential risk of data privacy when using AI in classrooms?

- A. Data encryption ensuring student information is safe.
- B. Teachers automatically gaining access to student medical records.
- C. Misuse of student data for purposes other than educational goals.
- D. Students controlling the data collected by AI tools.

7. How does AI enhance student engagement in the classroom?

- A. By creating the need for enhanced interpersonal relationships.
- B. By incorporating traditional lectures and notes.
- C. By promoting group work and discussions.
- D. By generating real-world case studies and gamifying lessons.

8. What is one of the main ethical concerns regarding AI tools in the classroom?

- A. Algorithmic bias that can lead to inaccurate or harmful outputs.
- B. AI systems replacing all teacher responsibilities.
- C. Teachers losing their jobs due to AI automation.
- D. AI tools eliminating the need for student data.

9. Which of the following best defines AI literacy for educators?

- A. The ability to develop and program AI systems for classroom use.
- B. Understanding AI tools, recognizing their limitations, and evaluating their societal and ethical implications.
- C. Knowing how to use AI tools to replace traditional teaching methods and make learning more exciting.
- D. Being able to memorize AI programming languages and algorithms.

10. Which of the following is an example of an administrative task that AI can automate for teachers?

- A. Developing curriculum content from scratch.
- B. Facilitating class discussions on complex topics.
- C. Organizing and managing student records.
- D. Providing real-time feedback during class activities.
