

TeachME Professional Development

Infrastructure for High-Quality Digital Learning

1. Which of the following is a benefit of personalized learning technology for students?

- A. Limited access to educational content
- B. Increased reliance on traditional teaching methods
- C. Enhanced engagement and motivation
- D. Decreased autonomy in the learning process

2. What does digital infrastructure in education refer to?

- A. The tools and technologies that support digital teaching and learning
- B. The physical infrastructure of schools and classrooms
- C. The integration of technology into the curriculum
- D. The administrative systems used for managing educational institutions

3. Which of the following is a key factor that can contribute to the digital divide in education?

- A. Overreliance on technology
- B. Lack of digital literacy skills
- C. Equal access to technology for all students
- D. Use of electronic devices in classrooms

4. Ms. Bombay teaches a diverse group of students, including English language learners (ELLs) and students with disabilities. How can technology support learning for these students?

- A. By providing assistive technology tools for students with disabilities
- B. By assigning extra homework to ELLs to improve their language skills
- C. By reducing the use of technology to accommodate different learning styles
- D. By excluding ELLs and students with disabilities from technology-based activities

5. Which of the following is NOT a component of a robust digital infrastructure?

- A. learning devices and high-speed internet access
- B. digital tools and resources for effective learning experiences
- C. technological and personnel support
- D. Renovations and physical infrastructure of the school

6. Ms. Chausie, an educator, wants to optimize her teaching practice using technology. Which of the following is a benefit of personalized learning technology for teachers?

- A. Replacement of teachers as content providers
- B. Eliminating the need for individualized feedback
- C. Enabling teachers to deliver content in various forms
- D. Reducing teacher-student interactions

7. Which student group is disproportionately affected by the digital divide?

- A. Students with higher cognitive skills
- B. Students of color
- C. Students from affluent families
- D. Students with access to digital learning resources

8. Mr. Chartreux is an educator who wants to enhance personalized learning in his classroom. Which of the following best describes personalized learning?

- A. Using technology to replace face-to-face teaching entirely
- B. Designing instruction that combines face-to-face teaching, technology, and student collaboration to tailor learning to individual interests
- C. Providing students with self-guided playlists without any teacher involvement
- D. Using adaptive learning tools exclusively to cater to individual needs

9. The term "homework gap" refers to:

- A. The gap in knowledge between students who have access to technology and those who don't
- B. The gap in access to educational resources for students with disabilities
- C. The gap in digital literacy skills among students from different socio-economic backgrounds
- D. The gap in internet connectivity and access to technology at home

10. What is the purpose of a Learning Management System (LMS)?

- A. To provide high-speed internet access for students and teachers
- B. To facilitate real-time online meetings and interactions
- C. To house course materials and facilitate communication and grading
- D. To enable collaborative learning experiences among students
