



Introduction

This 30-minute formative assessment is designed to evaluate students' understanding of two technology solutions that support teacher productivity, as outlined in the US Common Core Standards for Basic Computer Skills and Technology Integration in Education.

Section 1: Foundation Level (10 minutes)

Answer the following questions:

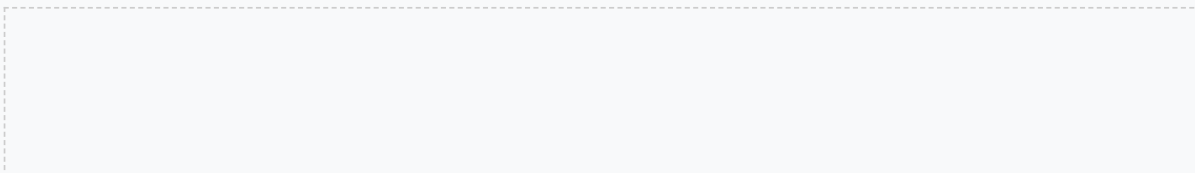
1. What is the main purpose of using technology in the classroom?

2. What is one way that technology can help teachers be more productive?

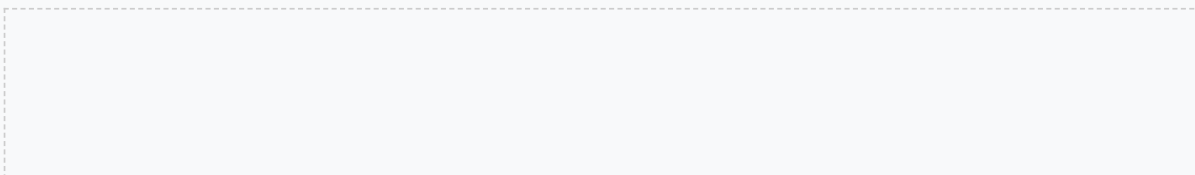
Section 2: Core Level (15 minutes)

Answer the following questions:

1. Describe two technology solutions that can support teacher productivity. What are their benefits?



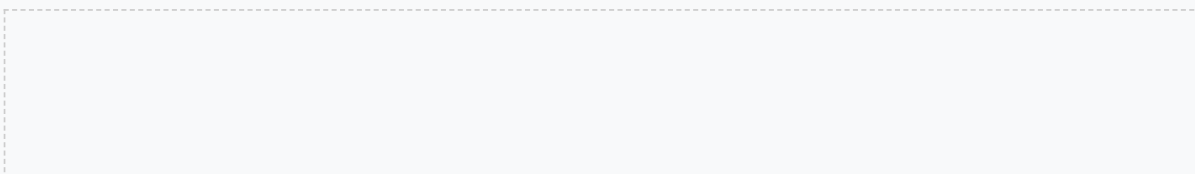
2. Create a simple diagram or drawing of a technology solution that supports teacher productivity. Label its key features and explain how it works.



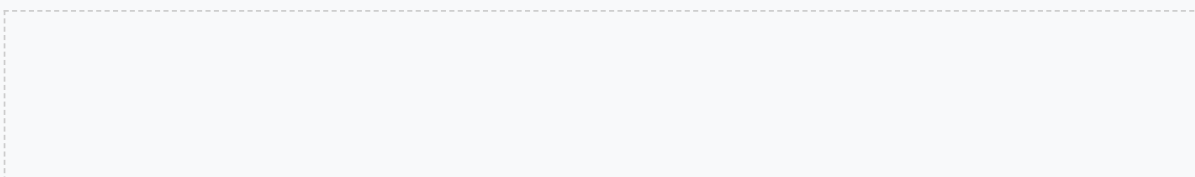
Section 3: Extension Level (5 minutes)

Answer the following questions:

1. How can teachers use technology to personalize instruction and meet the needs of diverse learners?



2. Design a simple technology-based tool that can support teacher productivity. Explain its features and how it can be used in the classroom.



Differentiation Options

The following differentiation options are available:

- For students with special needs:
 - Provide extra time to complete the assessment
 - Offer one-on-one support and accommodations as needed
 - Use assistive technology to support students with disabilities
- For English language learners:
 - Provide visual aids and examples to support understanding
 - Offer bilingual resources and support as needed
 - Allow students to use dictionaries or translation tools
- For gifted students:
 - Provide additional challenges and extensions to the project-based tasks
 - Encourage students to design and create their own technology-based tools
 - Offer opportunities for students to share their work and receive feedback from peers

Assessment Rubric

The following rubric will be used to evaluate student responses:

- Foundation Level:
 - Multiple Choice: 1 point for correct answer
 - Short Answer: 2 points for correct answer (1 point for partial answer)
- Core Level:
 - Short Answer: 3 points for correct answer (2 points for partial answer)
 - Project-Based: 4 points for complete and accurate diagram or drawing (2 points for partial attempt)
- Extension Level:
 - Short Answer: 3 points for correct answer (2 points for partial answer)
 - Project-Based: 5 points for complete and accurate design (3 points for partial attempt)

Conclusion

This assessment is designed to evaluate students' understanding of technology solutions that support teacher productivity.

Student Reflection

Reflect on your learning:

1. What did you learn about technology solutions that support teacher productivity?

2. How can you apply what you learned in this assessment to your own learning?

3. What challenges did you face during this assessment, and how did you overcome them?

Teacher Feedback

Provide feedback on student responses:

- Multiple Choice: 1 point for correct answer
- Short Answer: 2 points for correct answer (1 point for partial answer)
- Project-Based: 4 points for complete and accurate diagram or drawing (2 points for partial attempt)

Assessment Evaluation

Evaluate student responses using the assessment rubric:

- Foundation Level: 1-2 points
- Core Level: 3-4 points
- Extension Level: 5 points

