Educational Technology

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1. Knowledge:
- Define the basic concepts and principles of educational technology
- Describe different teaching skills and their components
- Explain the Development of Instructional design through models like ADDIE, ASSURE, Dick & Carey Systems Approach Model
- List Gagne's nine events of instruction
- Understand the 5E Model of Constructivism

2. Comprehension:
- Compare and contrast different teaching skills to enhance learning outcomes
- Analyze the components of the Development of Instructional design models
- Explain how Gagne's nine events of instruction can be applied in lesson planning
- Interpret the 5E Model of Constructivism in instructional design

3. Application:
- Apply basic educational technology concepts in designing effective learning experiences
- Implement different teaching skills in classroom settings
- Develop instructional designs using ADDIE, ASSURE, Dick & Carey Systems Approach Model
- Create lesson plans based on Gagne's nine events of instruction
- Utilize the 5E Model of Constructivism to design interactive and engaging learning activities

4. Analysis:
- Evaluate the effectiveness of different teaching skills in promoting student engagement and understanding
- Critically assess the components of various instructional design models
- Identify strengths and weaknesses of Gagne's nine events of instruction for different learning objectives
- Analyze the impact of the 5E Model of Constructivism on student learning outcomes

5. Synthesis:
- Design innovative teaching strategies integrating educational technology tools
- Develop comprehensive instructional designs that address diverse learning styles
- Create personalized lesson plans incorporating elements of Gagne's nine events of instruction
- Synthesize the 5E Model of Constructivism with other instructional design approaches to create a holistic learning experience

6. Evaluation:
- Assess the impact of educational technology on student learning outcomes
- Evaluate the effectiveness of different teaching skills in achieving learning objectives
- Critically evaluate the success of instructional designs based on ADDIE, ASSURE, Dick & Carey Systems Approach Model
- Judge the efficiency of Gagne's nine events of instruction in facilitating meaningful learning experiences
- Measure the effectiveness of the 5E Model of Constructivism in promoting student engagement and understanding

Select Language

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