

CSDE Performance Level Descriptors – Grade 10

PERFORMANCE LEVEL DESCRIPTORS: CAPT SKILLS CHECKLIST SCIENCE

Level 3: Independent

- A. Tenth grade students who perform at this level fully complete academic tasks and activities derived from grade eight content consistently and independently. Students at this level demonstrate a **consistent and independent** ability to:
- Fully address essential content that has been derived from the tenth grade Science Curriculum Framework
 - Identify significant similarities and differences in the basic structure of plant and animal cells
 - Identify examples of how bacterial and viral infectious diseases are transmitted
 - Recognize that sanitation, vaccination and antibiotic medications can prevent and/or treat infectious diseases
 - Identify the difference between genetic disorders and infectious diseases
 - Identify examples of structural and behavioral adaptations that increase the chances for organisms to survive in their environments
 - Identify ways that technological advances have affected the size and growth rate of human populations throughout history

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Level 2: Proficient

- A. Tenth grade students who perform at this level complete academic tasks and activities derived from grade eight content inconsistently and/or only with prompt support (e.g., a cue, a model, physical guidance, etc.). Students at this level demonstrate a **partial ability** to:
- Address essential content that has been derived from the tenth grade Science Curriculum Framework
 - Identify significant similarities and differences in the basic structure of plant and animal cells
 - Identify examples of how bacterial and viral infectious diseases are transmitted
 - Recognize that sanitation, vaccination and antibiotic medications can prevent and/or treat infectious diseases
 - Identify the difference between genetic disorders and infectious diseases
 - Identify examples of structural and behavioral adaptations that increase the chances for organisms to survive in their environments
 - Identify ways that technological advances have affected the size and growth rate of human populations throughout history

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Level 1: Basic

- A. Tenth grade students who perform at this level have difficulty completing academic tasks and activities derived from grade eight content, even with prompt support (e.g., a cue, a model, physical guidance, etc.). Students at this level demonstrate a **very limited ability** to:
- Address essential content that has been derived from the eighth grade Science Curriculum Framework
 - Identify significant similarities and differences in the basic structure of plant and animal cells
 - Identify examples of how bacterial and viral infectious diseases are transmitted
 - Recognize that sanitation, vaccination and antibiotic medications can prevent and/or treat infectious diseases
 - Identify the difference between genetic disorders and infectious diseases
 - Identify examples of structural and behavioral adaptations that increase the chances for organisms to survive in their environments
 - Identify ways that technological advances have affected the size and growth rate of human populations throughout history