

CSDE Performance Level Descriptors – Grade 8

PERFORMANCE LEVEL DESCRIPTORS: CMT SKILLS CHECKLIST SCIENCE

Level 3: Independent

- A. Eighth 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 eighth grade Science Curriculum Framework
 - Identify the relationship among force, mass and change in motion
 - Identify the structure and function of the male and female human reproductive systems, including the organs that produce egg and sperm
 - Identify secondary sexual characteristics that develop during puberty
 - Identify how the motion of the sun, Earth and moon with respect to each other affect the seasons, phases of the moon and eclipses
 - Identify the forces that act on beam, truss and suspension bridges and how the design of the bridge helps withstand these forces

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Level 2: Proficient

- A. Eighth 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 eighth grade Science Curriculum Framework
 - Identify the relationship among force, mass and change in motion
 - Identify the structure and function of the male and female human reproductive systems, including the organs that produce egg and sperm
 - Identify secondary sexual characteristics that develop during puberty
 - Identify how the motion of the sun, Earth and moon with respect to each other affect the seasons, phases of the moon and eclipses
 - Identify the forces that act on beam, truss and suspension bridges and how the design of the bridge helps withstand these forces

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Level 1: Basic

- A. Eighth 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 the relationship among force, mass and change in motion
 - Identify the structure and function of the male and female human reproductive systems, including the organs that produce egg and sperm
 - Identify secondary sexual characteristics that develop during puberty
 - Identify how the motion of the sun, Earth and moon with respect to each other affect the seasons, phases of the moon and eclipses
 - Identify the forces that act on beam, truss and suspension bridges and how the design of the bridge helps withstand these forces