

# GED Ready® Practice Test - Science

## Performance Level Descriptors: Yellow Zone

### Yellow Zone: Too Close To Call

Scoring into the **Yellow Zone** on the GED Ready® practice test - Science shows that a student may or may not have demonstrated the skills required to pass the GED® test - Science.

Although the student's performance on the GED Ready® practice test shows his or her score is in a range where the student could sometimes pass the GED® test, the result only represents an indication of the student's preparedness and does not guarantee a positive result on the GED® test. Many students that score in this range ultimately do pass the GED® test - Science on their first attempt. However, many students that score in this range need more preparation in this content area in order to pass the GED® test.

Students who score into this zone typically demonstrate basic proficiency with the following skills:

#### **Analyze Scientific and Technical Arguments, Evidence, and Text-Based Information**

- Understand and explain textual scientific presentations at a basic level
- Determine the meaning of symbols, terms, and phrases as they are used in scientific presentations at a basic level
- Cite specific textual evidence to support a finding or conclusion at a basic level
- Reconcile multiple findings, conclusions, or theories at a basic level
- Express scientific information or findings verbally at a basic level

#### **Applying Scientific Processes and Procedural Concepts**

- Reason from data or evidence to a conclusion at a basic level
- Identify and refine hypotheses for scientific investigations at a basic level
- Make a prediction based on data or evidence at a basic level
- Evaluate whether a conclusion or theory is supported or challenged by particular data or evidence at a basic level
- Apply formulas from scientific theories at a basic level
- Understand and apply scientific models, theories, and processes at a basic level

#### **Reasoning Quantitatively and Interpreting Data in Scientific Contexts**

- Understand and explain non-textual scientific presentations at a basic level

- Express scientific information or findings visually at a basic level
- Describe a data set statistically at a basic level
- Use counting and permutations to solve scientific problems at a basic level
- Express scientific information or findings numerically or symbolically at a basic level

Scoring into the **Green Zone** on the GED Ready® practice test - Science indicates that the student is likely to pass the GED® test - Science. In order to progress into the **Green Zone**, the student should:

1) strengthen these skills:

- Identify and refine hypotheses for scientific investigations
- Cite specific textual evidence to support a finding or conclusion
- Make a prediction based on data or evidence
- Evaluate whether a conclusion or theory is supported or challenged by particular data or evidence
- Express scientific information or findings verbally
- Express scientific information or findings numerically or symbolically
- Understand and apply scientific models, theories and processes

and

2) develop the following additional skills:

- Identify possible sources of error and alter the design of an investigation to ameliorate that error
- Identify the strength and weaknesses of one or more scientific investigations (i.e. experimental or observational) designs
- Design a scientific investigation
- Identify and interpret independent and dependent variables in scientific investigations
- Reconcile multiple findings, conclusions, or theories
- Apply formulas from scientific theories
- Determine the probability of events