

SCIENCE RUBRIC

LEVEL 4

There is evidence in this response that the student has a *full and complete understanding* of the question or problem.

- Pertinent and complete supporting details demonstrate an integration of ideas.
- The use of accurate scientific terminology enhances the response.
- An effective application of the concept to a practical problem or real-world situation reveals an insight into scientific principles. *
- The response reflects a complete elaboration of information.

LEVEL 3

There is evidence in this response that the student has a *good understanding* of the question or problem.

- The supporting details are generally complete.
- The use of accurate scientific terminology strengthens the response.
- The concept has been applied to a practical problem or real-world situation. *
- The response reflects some elaboration of information.

LEVEL 2

There is evidence in this response that the student has a *basic understanding* of the question or problem.

- The supporting details are adequate.
- The use of accurate scientific terminology may be present in the response.
- The application of the concept to a practical problem or real-world situation is inadequate. *
- The response provides little or no elaboration of information.

LEVEL 1

There is evidence in this response that the student has *some understanding* of the question or problem.

- The supporting details are only minimally effective.
- The use of accurate scientific terminology is not present in the response.
- The application, if attempted, is irrelevant. *
- The response addresses the question.

LEVEL 0

There is evidence that the student has *no understanding* of the question or problem.

- The response is completely incorrect or irrelevant or there is no response.

* *On the High School Assessment, the application of a concept to a practical problem or real-world situation will be scored when it is required in the response and requested in the item stem.*