

ICC Natural Sciences Rubric

Natural Sciences Analysis



Analyzes the impact of a specific area of the Natural Sciences on self and/or society.

1

BEGINNING

Struggles to articulate the impact of scientific advancements on self and/or society. Demonstrates a lack of awareness of ethical, social, and cultural implications.

2

DEVELOPING

Describes the impact of scientific advancements for self and/or society on a basic level. Analysis lacks depth in addressing ethical, social, and cultural implications.

3

ACCOMPLISHED

Articulates the impact of scientific advancements on individuals and/or society at large. Shows awareness of the ethical, social, and cultural implications of one area of the Natural Sciences.

4

EXEMPLARY

Clearly articulates the impact of scientific advancements on individuals and/or society at large. Demonstrates a nuanced understanding of the ethical, social, and cultural implications of one area of the Natural Sciences.

Application of Natural Sciences



Applies basic scientific principles and methods in one area of the Natural Sciences.

1

BEGINNING

Demonstrates a lack of understanding of fundamental concepts in the natural sciences. Struggles to draw meaningful conclusions.

2

DEVELOPING

Demonstrates a basic understanding of fundamental principles and methodologies in one area of the natural sciences. Analysis lacks depth or sophistication.

3

ACCOMPLISHED

Demonstrates a solid understanding of fundamental principles and methodologies in one area of the natural sciences. Analyzes scientific information thoughtfully and draws reasonable conclusions.

4

EXEMPLARY

Demonstrates an in-depth understanding of fundamental principles and methodologies in one area of the natural sciences. Analyzes scientific information critically, draws insightful conclusions, and connects ideas from across course learning.