

Natural Science Rubric

Understanding Outcome—Categories

Understanding the methods scientists use

1. observation
2. hypothesis testing
3. data collection (measurement)
4. experimentation
5. evaluation of data (data analysis)
6. mathematical analysis (data analysis)

Application Outcome—Categories

Application of the following to life experiences

1. scientific data
2. concepts
3. models

Standards of Achievement:

Outcome #1 will have questions in each of the 6 categories listed above. Students who correctly answer questions in 4 of the 6 categories will be considered to have met the standard.

	Categories answered correctly
exceeding the standards	5 or 6
meeting the standards	4
approaching the standards	3
not meeting the standards	less than 3

Outcome #2 will have questions in each of the 3 categories listed above. Students who correctly answer questions in 2 of the 3 categories will be considered to have met the standard.

	Categories answered correctly
exceeding the standards	3
meeting the standards	2
approaching the standards	1
not meeting the standards	0

Criteria of Achievement

	Percent of students
exceeding the standards	10
meeting the standards	50
approaching the standards	20
not meeting the standards	20