

# Fact Sheet for Science CSAP – Grades 5, 8 and 10

## Construction Information:

	Grade 5	Grades 8 and 10
Number of Items	70-75	80-83
Number of Points	88	98-100
<ul style="list-style-type: none"> <li>▪ Number of multiple choice items <i>(constructed response items value 1 point each)</i></li> </ul>	52	60
<ul style="list-style-type: none"> <li>▪ Number of constructed response items <i>(constructed response items value from 2-4 points each)</i></li> </ul>	18	23
Total test score points	88	98-100

Tests are designed to be given in three 55-minute sessions

- Each session has a similar composition of item types.

## Weighting of Standards by Grade Level for Science CSAP

Notes: Standard 6 is combined with Standard 1 during test construction.

Standard 5 is combined with Standards 2, 3, and 4 during test construction.

	Grade 5	Grade 8	Grade 10
Standard	%ScrPts	%ScrPts	%ScrPts
1	30	30	30
6	4	4	4
2	20	20	20
3	20	20	20
4	20	20	20
5	6	6	6

## Test Scoring

- Multiple choice are machine scored
- Constructed response are scored by readers hired and trained by the test contractor under specific guidelines from CDE personnel and Colorado teachers
- Performance category cut-lines are set using the Bookmarking Process (description on CDE website)

## Associated materials available on the CDE website ([www.cde.state.co.us](http://www.cde.state.co.us))

- Science CSAP Demonstration Packet (available September 2005)
- Assessment Frameworks
- CSAP Item Maps (Grade 8 available now, Grades 5 and 10 available fall 2006)
- Released Items (Grade 8 available now, Grades 5 and 10 available fall 2006)
- Technical Reports and Information

## Sub-Content Areas reported out on the Student Performance Report for Science

Standard	Grade 5	Grade 8	Grade 10
1	Experimental Design & Investigation Results and Data Analysis	Experimental Design & Investigation Results and Data Analysis	Experimental Design & Investigation Results and Data Analysis Applied Inquiry
2		Physics Concepts Chemistry Concepts	Physics Concepts Chemistry Concepts
3		Life Processes Organisms and their Interactions	Life Processes Organisms and their Interactions
4		Geology & Astronomy Meteorology & Hydrology	Geology & Astronomy Meteorology & Hydrology