Oklahoma School Testing Program
Oklahoma Modified Alternate Assessment Program
Grade 5 Science
Test Blueprint
School Year 2012-2013

The Test Blueprint reflects the degree to which each standard and objective is represented on the test. The overall distribution of operational items in a test form is intended to look as follows:

Process Standards and Objectives	Ideal Number of Items	Ideal[1] Percentage of Items
Observe and Measure (P1.0)	**8–10**	**19%–23%**
SI Metric (P1.1)	4–6	
Similar/different characteristics (P1.2)	4	
Classify (P2.0)	**8–10**	**19%–23%**
Observable properties (P2.1)	4–6	
Serial order (P2.2)	4–5	
Experiment (P3.0)	**13–14**	**30%–33%**
Experimental design (P3.2)	9–10	
Hazards/practice safety (P3.4)	4	
Interpret and Communicate (P4.0)	**12–14**	**28%–33%**
Data tables/line/bar/trend and circle graphs (P4.2)	4–6	
Prediction based on data (P4.3)	4–6	
Explanations based on data (P4.4)	4–6	
Total Test	**40–43[2]**	**100%**

[1] Percentages are approximations and may result in a sum other than 100 due to rounding.
[2] The actual number of items scored for a student may be slightly lower pending a review of item statistics.

ÅStudent performance on the multiple-choice test will be reported at the standard level. A minimum of 6 items is required to report a standard. While the actual numbers of items on the test may not match the blueprint exactly, each future test will move toward closer alignment with the ideal blueprint.

Oklahoma School Testing Program
Oklahoma Modified Alternate Assessment Program
Grade 5 Science (Continued)
Test Blueprint
School Year 2012-2013

Content Standards and Objectives	Ideal Number of Items	Ideal[1] Percentage of Items
Properties of Matter and Energy (1.0)	**16–18**	**41%–46%**
Matter has physical properties (1.1)	4–5	
Physical properties can be measured (1.2)	4–5	
Energy can be transferred (1.3)	4–5	
Potential/Kinetic Energy (1.4)	4–5	
Organisms and Environments (2.0)	**10–12**	**26%–31%**
Dependence upon community (2.1)	5–6	
Individual organism and species survival (2.2)	5–6	
Structures of the Earth and the Solar System (3.0)	**12–13**	**31%–33%**
Properties of Soil (3.1)	4–5	
Weather patterns (3.2)	4–5	
Earth as a planet (3.3)	4	
Total Test	**36–39[2]***	**100%****

* Four of the 43 total items assess the ñSafetyò process standard, for which there is no corresponding content standard.

** The approximate percentages are based on the total number of items on a test that are matched to the content standards and do not include items added for safety.

[1] Percentages are approximations and may result in a sum other than 100 due to rounding.

[2] The actual number of items scored for a student may be slightly lower pending a review of item statistics. ÅStudent performance on the multiple-choice test will be reported at the standard level. A minimum of 6 items is required to report a standard. While the actual numbers of items on the test may not match the blueprint exactly, each future test will move toward closer alignment with the ideal blueprint.