

**Oklahoma School Testing Program
Oklahoma Core Curriculum Tests
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 for Alignment*	Ideal Percentage of Items **
Observe and Measure	8-10	18-22%
SI Metric (P1.1)	4-6	
Similar/different characteristics (P1.2)	4	
Classify	8-10	18-22%
Observable properties (P2.1)	4-6	
Serial order (P2.2)	4-5	
Experiment	13-15	29-33%
Experimental design (P3.2)	9-11	
Hazards/practice safety (P3.4)	4	
Interpret and Communicate	12-14	27-31%
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	
<i>Total Test</i>	<i>45</i>	<i>100%</i>

* A minimum of 4 items is required to report results for an objective, and 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.

** Percents are approximations and may result in a sum other than 100 due to rounding.

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Content Standards and Objectives	Ideal Number of Items for Alignment	Ideal Percentage of Items
Properties of Matter and Energy	16-18	39-44%
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	10-13	24-32%
Dependence upon community (2.1)	5-7	
Individual organism and species survival (2.2)	5-7	
Structures of the Earth and the Solar System	12-15	29-37%
Properties of Soils (3.1)	4-6	
Weather patterns (3.2)	4-6	
Earth as a planet (3.3)	4	
<i>Total Test</i>	<i>41*</i>	<i>100%**</i>

* Safety items are not included within the content blueprint

** The ideal percents 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.