

**Oklahoma School Testing Program
Oklahoma Core Curriculum Tests
Grade 5 Science
Test Blueprint
School Year 2011-2012**

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

<i>PASS</i> Process Standards and Objectives	Ideal Number of Items for Alignment to <i>PASS</i> *	Ideal Percentage of Items **
Observe and Measure	10	22%
SI Metric (P1.1)	5	
Similar/different characteristics (P1.2)	5	
Classify	10	22%
Observable properties (P2.1)	5	
Serial order (P2.2)	5	
Experiment	11	24%
Experimental design (P3.2)	7	
Hazards/practice safety (P3.4)	4	
Interpret and Communicate	14	31%
Data tables/line/bar/trend and circle graphs (P4.2)	6	
Prediction based on data (P4.3)	4	
Explanations based on data (P4.4)	4	
<i>Total Test</i>	45	100%

* 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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Grade 5 Science (Continued)
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<i>PASS</i> Content Standards and Objectives	Ideal Number of Items for Alignment to <i>PASS</i>	Ideal Percentage of Items
Properties of Matter and Energy	18	44%
Matter has physical properties (1.1)	6	
Physical properties can be measured (1.2)	6	
Energy can be transferred (1.3)	6	
Organisms and Environments	12	29%
Dependence upon community (2.1)	6	
Individual organism and species survival (2.2)	6	
Structures of the Earth and the Solar System	11	27%
Weather patterns (3.2)	6	
Earth as a planet (3.3)	5	
<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.