

**Oklahoma School Testing Program  
Oklahoma Core Curriculum Tests  
Grade 5 Science  
Test Blueprint  
School Year 2013-2014**

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

Process/Inquiry Standards and Objectives	Ideal Number of Items *	Ideal Percentage of Items **
<b>P1.0 Observe and Measure</b>	<b>8-10</b>	<b>18-22%</b>
1.1 SI (metric) units	4-6	
1.2 Similar/different characteristics	4	
<b>P2.0 Classify</b>	<b>8-10</b>	<b>18-22%</b>
2.1 Observable properties	5	
2.2 Serial order	5	
<b>P3.0 Experiment</b>	<b>13-15</b>	<b>29-33%</b>
3.2 Experimental design	9-11	
3.4 Hazards/practice safety	4	
<b>P4.0 Interpret and Communicate</b>	<b>12-14</b>	<b>27-31%</b>
4.2 Data tables/line/bar/trend and circle graphs	4-6	
4.3 Prediction based on data	4-6	
4.4 Explanations based on data	4-6	
<b>Total Test</b>	<b>45<sup>1</sup></b>	<b>100%</b>

**Oklahoma School Testing Program  
Oklahoma Core Curriculum Tests  
Grade 5 Science (Continued)  
Test Blueprint  
School Year 2013-2014**

Content Standards and Objectives	Ideal Number of Items	Ideal Percentage of Items
<b>C1.0 Properties of Matter and Energy</b>	<b>16-18</b>	<b>39-44%</b>
1.1 Matter has physical properties	4-5	
1.2 Physical properties can be measured	4-5	
1.3 Energy can be transferred	4-5	
1.4 Potential/Kinetic Energy	4-5	
<b>C2.0 Organisms and Environments</b>	<b>10-13</b>	<b>24-32%</b>
2.1 Dependence upon community	5-7	
2.2 Individual organism and species survival	5-7	
<b>C3.0 Structures of the Earth and the Solar System</b>	<b>12-15</b>	<b>29-37%</b>
3.1 Properties of Soils	4-6	
3.2 Weather patterns	4-6	
3.3 Earth as a planet	4	
<b>Total Test</b>	<b>41<sup>1,2</sup></b>	<b>100%</b>

<sup>1</sup>The actual number of items scored for a student may be slightly lower pending a review of item statistics.

<sup>2</sup>Four out of the 45 total items assess the “Safety” process standard for which there is no corresponding content standard.

- Percentages are approximations and may result in a sum other than 100 due to rounding.
- 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 number of items on the test may not match the blueprint exactly, each future test will move toward closer alignment with the ideal blueprint.
- The Oklahoma Academic Standards correspond to the *PASS* standards.