Oklahoma School Testing Program

Grade 5 Science – Test Blueprint
School Years 2014-2015 and 2015-2016

The blueprint describes the content and structure of an assessment and defines the ideal number of test items by standard and objective of the Priority Academic Student Skills/ Oklahoma Academic Standards (PASS-2011/OAS).

Process/Inquiry Standards and Objectives	Ideal Number of Items	Ideal Percentage of Items
P1.0 Observe and Measure	**8 - 10**	**18% - 22%**
1.1 SI (metric) Units	4 - 6	
1.2 Similar/Different Characteristics	4	
P2.0 Classify	**8 - 10**	**18% - 22%**
2.1 Observable Properties	5	
2.2 Serial Order	5	
P3.0 Experiment	**13 - 15**	**29% - 33%**
3.2 Experimental Design	9 - 11	
3.4 Hazards/Practice Safety	4	
P4.0 Interpret and Communicate	**12 - 14**	**27% - 31%**
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	
Total Test	**45**	**100%**

(Please note this blueprint does not include items that may be field-tested.)

- A minimum of 6 items is required to report a standard, and a minimum of 4 items is required to report results for an objective.

Oklahoma School Testing Program

Grade 5 Science – Test Blueprint
School Years 2014-2015 and 2015-2016

Content Standards and Objectives	Ideal Number of Items	Ideal Percentage of Items
C1.0 Properties of Matter and Energy	**16 - 18**	**39% - 44%**
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	
C2.0 Organisms and Environments	**10 - 13**	**24% - 32%**
2.1 Dependence Upon Community	5 - 7	
2.2 Individual Organism and Species Survival	5 - 7	
C3.0 Structures of the Earth and the Solar System	**12 - 15**	**29% - 37%**
3.1 Properties of Soils	4 - 6	
3.2 Weather Patterns	4 - 6	
3.3 Earth as a Planet	4	
Total Test	**41[1]**	**100%**

(Please note this blueprint does not include items that may be field-tested.)

[1] Each test item aligns to both a Process Standard/Objective and a Content Standard/Objective, except for Safety Items which only align to P3.4.