

**Oklahoma School Testing Program
Grade 5 Science Test Blueprint
School Years
2014-2015 & 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 Oklahoma Academic Standards (PASS 2011).

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%

- 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.

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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	41¹	100%

(Please note this blueprint does not include items that may be included for field testing.)

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.

