Oklahoma Core Curriculum Tests (OCCT) State Results Summary
Grade 5 Science – 2016 Spring Administration

Total Valid Test Scores[1] – 46,661

	Percent[3]
At or Above Proficient	57%
Below Proficient	43%
Mean Scale Score	708

Proficiency Level	OPI Score Range	Percent[3]	Cut Score
Advanced	**763-990**	**17%**	**39/45**
Proficient	**700-762**	**40%**	**32/45**
Limited Knowledge	**647-699**	**25%**	**25/45**
Unsatisfactory	**400-646**	**18%**	

Process/Inquiry Standard	# of Items	Mean % Correct[2]
P1.0 Observe and Measure	**8**	**68%**
P1.1 SI Metric	4	66%
P1.2 Similar/Different Characteristics	4	69%
P2.0 Classify	**10**	**74%**
P2.1 Observe Properties	5	76%
P2.2 Serial Order	5	71%
P3.0 Experiment	**13**	**69%**
P3.2 Experimental Design	9	65%
P3.4 Hazards/Practice Safety	4	77%
P4.0 Interpret and Communicate	**14**	**69%**
P4.2 Data Tables/Line/Bar/Trend and Circle Graphs	5	65%
P4.3 Prediction Based on Data	5	70%
P4.4 Explanations Based on Data	4	73%
Content Standards	**# of Items**	**Mean % Correct[2]**
1.0 Properties of Matter and Energy	17	**71%**
1.1 Matter Has Physical Properties	4	80%
1.2 Physical Properties Can Be Measured	5	78%
1.3 Energy Can Be Transferred	4	70%
1.4 Potential/Kinetic Energy	4	55%
2.0 Organisms and Environments	12	**67%**
2.1 Dependence Upon Community	7	70%
2.2 Individual Organism and Species Survival	5	63%
3.0 Structures of the Earth and the Solar System	12	**69%**
3.1 Properties of Soil	4	55%
3.2 Weather Patterns	4	78%
3.3 Earth as a Planet	4	73%

[1]**BR, OP, and RT EXCLUDED** – Braille, Other Placement, and Grade Level Repeat Testers are excluded from these results.
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NR =Not Reported. Not enough items in the Standard (minimum 6 items) or Objective (minimum 4 items) to report.

Oklahoma Core Curriculum Tests (OCCT) State Results Summary
Grade 8 Science– 2016 Spring Administration

Total Valid Test Scores[1] – 47,515

	Percent[3]
At or Above Proficient	55%
Below Proficient	45%
Mean Scale Score	701

Proficiency Level	OPI Score Range	Percent[3]	Cut Score
Advanced	**746-990**	**16%**	**37/45**
Proficient	**700-745**	**39%**	**29/45**
Limited Knowledge	**654-699**	**27%**	**21/45**
Unsatisfactory	**400-653**	**18%**	

Process/Inquiry Standard	# of Items	Mean % Correct[2]
P1.0 Observe and Measure	**9**	**62%**
P1.1 Qualitative/Quantitative Observations/Changes	5	59%
P1.2 SI (metrics) Units & P1.3 Appropriate Tools	4	64%
P2.0 Classify	**8**	**77%**
P2.1 Classification System	4	78%
P2.2 Properties Ordered	4	76%
P3.0 Experiment	**15**	**57%**
P3.2 Experimental Design	6	58%
P3.3 Identify Variables	6	46%
P3.6 Hazards/Practice Safety	3	NR
P4.0 Interpret and Communicate	**13**	**63%**
P4.2 Data Tables/Line/Bar/Trend and Circle Graphs	7	65%
P4.3 Explanations/Predictions	6	61%
Content Standards	**# of Items**	**Mean % Correct[2]**
1.0 Properties and Chemical Changes in Matter	**8**	**63%**
1.1 Chemical Reactions	4	73%
1.2 Conservation of Matter	4	51%
2.0 Motion and Forces	**8**	**54%**
2.1 Motion of an Object	4	52%
2.2 Object Subjected to a Force	4	56%
3.0 Diversity and Adaptations of Organisms	**7**	**75%**
3.1 Classification	3	NR
3.2 Internal and External Structures	4	76%
4.0 Structures/Forces of the Earth/Solar System	**11**	**55%**
4.1 Landforms Result From Constructive and Destructive Forces	4	54%
4.2 Rock Cycle	4	58%
4.3 Global Weather Patterns	3	NR
5.0 Earth's History	**8**	**70%**
5.1 Catastrophic Events	4	62%
5.2 Fossil Evidence	4	78%

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Oklahoma Core Curriculum Tests (OCCT) State Results Summary
ACE Biology I End of Instruction – 2016 Spring Administration

Total Valid Test Scores[1] – 42,788

	Percent[3]
At or Above Proficient	47%
Below Proficient	53%
Mean Scale Score	685

Proficiency Level	OPI Score Range	Percent[3]	Cut Score
Advanced	**773-999**	**14%**	**Form A – 52/60 Form B – 53/60**
Proficient	**700-772**	**33%**	**Form A – 41/60 Form B – 42/60**
Limited Knowledge	**651-699**	**20%**	**34/60**
Unsatisfactory	**400-650**	**33%**	

Process/Inquiry Standard	# of Items	Mean % Correct[2]
P1.0 Observe and Measure	**6**	**65%**
P1.1 Qualitative/quantitative observations and changes	4	66%
P1.2 Use appropriate SI Units & P1.3 Appropriate Tools	2	NR
P2.0 Classify	**7-8**	**67%**
P2.1 Use observable properties to classify	4	71%
P2.2 Identify properties of a classification system	3-4	63%
P3.0 Experiment	**18-17**	**64%**
P3.1 Evaluate the design of investigations	5	63%
P3.2 Identify variables and control & P3.4 Identify a testable hypothesis	5	61%
P3.3 Use mathematics to show relationships	5-4	59%
P3.5 Identify potential hazards and practice safety procedures	3	NR
P4.0 Interpret and Communicate	**21**	**63%**
P4.1 Select predictions based on observed patterns of evidence	5-4	65%
P4.3 Interpret line, bar, trend and circle graphs	4	66%
P4.4 Accept or reject a hypothesis	4	62%
P4.5 Make logical conclusions based on experimental data	4-5	61%
P4.8 Identify an appropriate graph or chart	4	63%
P5.0 Model	**8**	**66%**
P5.1 Interpret a model which explains a given set of observations	4	65%
P5.2 Select predictions based on models	4	66%
Content Standards	**# of Items**	**Mean % Correct[2]**
1.0 The Cell	**12-13**	**64%**
1.1 Cell structures and functions	4-5	60%
1.2 Differentiation of cells	4	70%
1.3 Specialized cells	4	62%
2.0 The Molecular Basis of Heredity	**13-12**	**60%**
2.1 DNA structures and function in heredity	6	59%
2.2 Sorting and recombination of genes	7-6	61%
3.0 Biological Diversity	**12**	**66%**
3.1 Variation among organisms	4	66%
3.2 Natural selection and biological adaptations	4	64%
3.3 Behavior patterns can be used to ensure reproductive success	4	69%
4.0 The Interdependence of Organisms	**8**	**67%**
4.1 Organisms both cooperate and compete	4	71%
4.2 Population dynamics	4	63%
5.0 Matter/Energy/Organization in Living Systems	**12**	**63%**
5.1 Complexity and organization used for survival	4	56%
5.2 Matter and energy flow in living and nonliving systems	4	64%
5.3 Earth cycles including abiotic and biotic factors	4	69%

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