

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

**Total Valid Test Scores<sup>1</sup> – 46,661**

	Percent <sup>3</sup>
<b>At or Above Proficient</b>	<b>57%</b>
<b>Below Proficient</b>	<b>43%</b>
<b>Mean Scale Score</b>	<b>708</b>

Proficiency Level	OPI Score Range	Percent <sup>3</sup>	Cut Score
<b>Advanced</b>	<b>765-990</b>	<b>17%</b>	<b>39/45</b>
<b>Proficient</b>	<b>700-764</b>	<b>40%</b>	<b>32/45</b>
<b>Limited Knowledge</b>	<b>648-699</b>	<b>25%</b>	<b>25/45</b>
<b>Unsatisfactory</b>	<b>400-647</b>	<b>18%</b>	

Process/Inquiry Standard	# of Items	Mean % Correct <sup>2</sup>
<b>P1.0 Observe and Measure</b>	<b>8</b>	<b>68%</b>
P1.1 SI Metric	4	66%
P1.2 Similar/Different Characteristics	4	69%
<b>P2.0 Classify</b>	<b>10</b>	<b>74%</b>
P2.1 Observe Properties	5	76%
P2.2 Serial Order	5	71%
<b>P3.0 Experiment</b>	<b>13</b>	<b>69%</b>
P3.2 Experimental Design	9	65%
P3.4 Hazards/Practice Safety	4	77%
<b>P4.0 Interpret and Communicate</b>	<b>14</b>	<b>69%</b>
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 <sup>2</sup>
<b>1.0 Properties of Matter and Energy</b>	<b>17</b>	<b>71%</b>
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%
<b>2.0 Organisms and Environments</b>	<b>12</b>	<b>67%</b>
2.1 Dependence Upon Community	7	70%
2.2 Individual Organism and Species Survival	5	63%
<b>3.0 Structures of the Earth and the Solar System</b>	<b>12</b>	<b>69%</b>
3.1 Properties of Soil	4	55%
3.2 Weather Patterns	4	78%
3.3 Earth as a Planet	4	73%

<sup>1</sup>**BR, OP, and RT EXCLUDED** – Braille, Other Placement, and Grade Level Repeat Testers are excluded from these results.

<sup>2</sup>**Mean % Correct** – is considered to be the average score in a set of scores.

<sup>3</sup>**Percentages** are approximations and may result in a sum other than 100 due to rounding.

**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<sup>1</sup> – 47,515**

	Percent <sup>3</sup>
<b>At or Above Proficient</b>	<b>55%</b>
<b>Below Proficient</b>	<b>45%</b>
<b>Mean Scale Score</b>	<b>701</b>

Proficiency Level	OPI Score Range	Percent <sup>3</sup>	Cut Score
<b>Advanced</b>	<b>751-990</b>	<b>16%</b>	<b>37/45</b>
<b>Proficient</b>	<b>700-750</b>	<b>39%</b>	<b>29/45</b>
<b>Limited Knowledge</b>	<b>658-699</b>	<b>27%</b>	<b>21/45</b>
<b>Unsatisfactory</b>	<b>400-657</b>	<b>18%</b>	

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

<sup>1</sup>BR, OP, and RT EXCLUDED – Braille, Other Placement, and Grade Level Repeat Testers are excluded from these results.

<sup>2</sup>Mean % Correct – is considered to be the average score in a set of scores.

<sup>3</sup>Percentages are approximations and may result in a sum other than 100 due to rounding.

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  
ACE Biology I End of Instruction – 2016 Spring Administration**

**Total Valid Test Scores<sup>1</sup> – 42,788**

	Percent <sup>3</sup>
At or Above Proficient	47%
Below Proficient	53%
Mean Scale Score	685

Proficiency Level	OPI Score Range	Percent <sup>3</sup>	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 <sup>2</sup>
<b>P1.0 Observe and Measure</b>	<b>6</b>	<b>65%</b>
P1.1 Qualitative/quantitative observations and changes	4	66%
P1.2 Use appropriate SI Units & P1.3 Appropriate Tools	2	NR
<b>P2.0 Classify</b>	<b>7-8</b>	<b>67%</b>
P2.1 Use observable properties to classify	4	71%
P2.2 Identify properties of a classification system	3-4	63%
<b>P3.0 Experiment</b>	<b>18-17</b>	<b>64%</b>
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
<b>P4.0 Interpret and Communicate</b>	<b>21</b>	<b>63%</b>
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%
<b>P5.0 Model</b>	<b>8</b>	<b>66%</b>
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 <sup>2</sup>
<b>1.0 The Cell</b>	<b>12-13</b>	<b>64%</b>
1.1 Cell structures and functions	4-5	60%
1.2 Differentiation of cells	4	70%
1.3 Specialized cells	4	62%
<b>2.0 The Molecular Basis of Heredity</b>	<b>13-12</b>	<b>60%</b>
2.1 DNA structures and function in heredity	6	59%
2.2 Sorting and recombination of genes	7-6	61%
<b>3.0 Biological Diversity</b>	<b>12</b>	<b>66%</b>
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%
<b>4.0 The Interdependence of Organisms</b>	<b>8</b>	<b>67%</b>
4.1 Organisms both cooperate and compete	4	71%
4.2 Population dynamics	4	63%
<b>5.0 Matter/Energy/Organization in Living Systems</b>	<b>12</b>	<b>63%</b>
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%

<sup>1</sup>BR, OP, and RT EXCLUDED – Braille, Other Placement, and Grade Level Repeat Testers are excluded from these results.

<sup>2</sup>Mean % Correct – is considered to be the average score in a set of scores.

<sup>3</sup>Percentages are approximations and may result in a sum other than 100 due to rounding.

NR =Not Reported. Not enough items in the Standard (minimum 6 items) or Objective (minimum 4 items) to report.