




Student's Name _____

 Iowa Alternate Assessment 2013-2014 <i>Science Rating Scale</i> Grade 8		Check the Box if Full Physical or Full Verbal Prompts were used (the student was given the answer)	Student Performance in Percent Accurate (0-100%)
Science Standard 1: Students can understand and apply skills used in Scientific Inquiry			
1.1	Identifies or states purpose of an experiment being conducted in class	<input type="checkbox"/>	_____
1.2	Compares and makes conclusions about objects to determine differences in size	<input type="checkbox"/>	_____
1.3	Compares and makes conclusions about objects of different weights to determine which is heavier/lighter	<input type="checkbox"/>	_____
1.4	Observes items and draws conclusions as to texture (rough/smooth)	<input type="checkbox"/>	_____
1.5	Observes items and draws conclusions as the viscosity of different liquids	<input type="checkbox"/>	_____
1.6	Observes items and draws conclusions about temperature (warmer/cooler)	<input type="checkbox"/>	_____
1.7	Labels the steps of the scientific process	<input type="checkbox"/>	_____
1.8	Uses scientific tools for measurement of length (ruler)	<input type="checkbox"/>	_____
1.9	Uses scientific tools for measurement of mass (scale)	<input type="checkbox"/>	_____


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Science Standard 1: Students can understand and apply skills used in Scientific Inquiry			
1.10	Uses scientific tools of measurement of volume (teaspoons, measuring cups, beakers)	<input type="checkbox"/>	_____
1.11	Draws conclusions from observations	<input type="checkbox"/>	_____
1.12	Describes results and draw conclusions after an investigation	<input type="checkbox"/>	_____
Science Standard 2: Students can understand concepts and relations in Life Science			
2.13	Given a variety of animals, identify appropriate food sources	<input type="checkbox"/>	_____
2.14	Identifies and categorizes types of fossils	<input type="checkbox"/>	_____
2.15	Recognizes that organisms not provided with food or water will die	<input type="checkbox"/>	_____
2.16	Classifies the parts of a food chain (animals (including humans), plants, decomposers)	<input type="checkbox"/>	_____
2.17	Identifies or builds a "complete" food chain (includes sun, producer, consumer)	<input type="checkbox"/>	_____
2.18	Form conclusions about what happens when an area becomes overpopulated (for example, the deer population) natural resources become less available)	<input type="checkbox"/>	_____

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Science Standard 3: Students can understand concepts and relationships in Earth/Space Science			
3.19	Differentiates solid rocks from soils	<input type="checkbox"/>	_____
3.20	Classifies earth materials as soil, water, sand, or rock	<input type="checkbox"/>	_____
3.21	Identifies earth materials that may appear in different land forms	<input type="checkbox"/>	_____
3.22	Identifies distinctive land forms (water, river, lake, beach, mountain, valley)	<input type="checkbox"/>	_____
3.23	Recognizes that the surface of the earth changes by different processes and/or natural events (earthquakes, volcanoes, floods, erosion)	<input type="checkbox"/>	_____
3.24	Labels, points to, or describe characteristics of clouds (color, shape)	<input type="checkbox"/>	_____
3.25	Identifies the sun, moon, and stars	<input type="checkbox"/>	_____
3.26	Investigates the effect of sunlight on living things	<input type="checkbox"/>	_____
3.27	Labels phases of the moon	<input type="checkbox"/>	_____

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Science Standard 4: Students can understand concepts and relationships in Physical Science			
4.28	Identifies when balls are pushed, they roll	<input type="checkbox"/>	_____
4.29	Understands when objects are dropped, they fall to the ground	<input type="checkbox"/>	_____
4.30	Observes and draws conclusions that objects can move at different speeds	<input type="checkbox"/>	_____
4.31	Observes and draws conclusions that objects can move at different speeds based on the amount of force applied	<input type="checkbox"/>	_____
4.32	Explains what happens when oil and water are mixed	<input type="checkbox"/>	_____
4.33	Answers questions about changes in color of liquids that occur when food color is added	<input type="checkbox"/>	_____
4.34	Describes what happens to water at different temperatures (liquid/ice)	<input type="checkbox"/>	_____
4.35	Answers questions demonstrating knowledge that one characteristic of the sun is heat	<input type="checkbox"/>	_____