

Note: There are limitations in the use of these reports. To understand their use, please read “What cautions should be considered when using Content Focus Reports?” on page 3 of this report.

2017 Florida Statewide Science Assessment Next Generation Sunshine State Standards (NGSS) Grade 8		
NGSS Benchmark	Content Focus	Number of Points Possible
Reporting Category 1. Nature of Science		
SC.6.N.2.2	Empirical evidence	1
SC.7.N.1.2	Replication	1
SC.7.N.1.5	Models; Using technology	2
SC.7.N.3.1	Distinguishing between theories and laws	1
SC.8.N.1.1	Collecting and organizing data; Defending conclusions; Importance of a control group; Outcome variables; Using data to support a claim	6
Reporting Category Point Total		11
Reporting Category 2. Earth and Space Sciences		
SC.6.E.7.4	Climate; Geosphere	2
SC.6.E.7.5	Heat transfer—radiation	1
SC.7.E.6.2	Chemical weathering; Rock cycle	2
SC.7.E.6.4	Law of superposition	1
SC.7.E.6.5	Earthquakes; Mountain building	2
SC.8.E.5.3	Relative distance	1
SC.8.E.5.5	Properties of the Sun	1
SC.8.E.5.7	Planetary motion; Properties of planets; Solar system models	3
SC.8.E.5.9	Eclipses; Moon phases	2
Reporting Category Point Total		15
Reporting Category 3. Physical Science		
SC.6.P.13.1	Friction; Gravitational force	2
SC.6.P.13.3	Analyzing position-time graphs; Unbalanced forces	2
SC.7.P.10.1	Electromagnetic spectrum	1
SC.7.P.10.3	Sound waves	1
SC.7.P.11.2	Convert potential energy to kinetic energy; Energy transformations	2
SC.7.P.11.4	Heat and phase changes; Heat flow	2
SC.8.P.8.4	Magnetic properties	1
SC.8.P.8.5	Atomic theory; Compounds; pH	3
SC.8.P.9.2	Distinguishing between physical and chemical changes	1
Reporting Category Point Total		15
Reporting Category 4. Life Science		
SC.6.L.14.1	Structural organization	1
SC.6.L.14.2	Cellular processes—elimination of waste	1
SC.6.L.14.4	Cell wall	1
SC.6.L.14.5	Nervous system; Reproductive system	2
SC.6.L.15.1	Classification of organisms	1
SC.7.L.15.2	Theory of evolution—fossil evidence; Theory of evolution—genetic variation	2
SC.7.L.16.1	Chromosomes; Genotypes	2
SC.7.L.17.2	Comparing relationships; Food webs; Limiting factor—shelter, nesting sites, and/or space	3
SC.8.L.18.4	Carbon cycle; Photosynthesis—products	2
Reporting Category Point Total		15