

7th Grade Science I Can Statements 2017-2018

#1 - I Can Statement: I can predict and explain the motion of an object using Newton's Laws.

#2 - I Can Statement: I can predict the strength of electric, magnetic, and gravitational forces and explain how the forces act on an object.

#3 - I Can Statement: I can explain how chemical composition, density and temperature affect the arrangement of the interior layers of the Earth and the movement of the tectonic plates.

#4 - I Can Statement: I can identify and explain the rapid and gradual processes that change the surface of the Earth.

#5 - I Can Statement: I can explain and diagram the processes of the rock cycle.

#6 - I Can Statement: I can identify the assumptions scientists make to determine relative ages of rock layers and fossils.

#7 - I Can Statement: I can identify the structure of organelles in various types of cells and explain their respective functions.

#8 - I Can Statement: I can explain the five levels of organization from simple to complex by citing examples and showing how the levels are interconnected.

#9 - I Can Statement: I can explain the effects that different types of reproduction have on genetic variation and how traits affect the probability of successful reproduction.

#10 - I Can Statement: I can explain how genes can change naturally and artificially.

#11 - I Can Statement: I can explain how natural selection impacts genetic variation in a population.

#12 - I Can Statement: I can cite evidence for evolution through natural selection.