

SCIENCE STANDARD PERFORMANCE RUBRIC

Big Idea: DIVERSITY & EVOLUTION OF LIVING ORGANISMS Unit: Evolution		Assessed at Complexity Level: 3 – STRATEGIC THINKING AND COMPLEX REASONING			
SC.7.L.15.2 – Explore the scientific theory of evolution by recognizing and explaining ways in which genetic variation and environmental factors contribute to evolution by natural selection and diversity of organisms.					
Also Assesses: SC.7.L.15.1 – <i>Recognize that fossil evidence is consistent with the scientific theory of evolution that living things evolved from earlier species.</i> SC.7.L.15.3 – <i>Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.</i>					
MASTERY		Performance Indicators	BEFORE INST.	DURING INST.	AFTER INST.
4	EXCEEDING the Standard	I can cite examples that show how genetic variation and environmental factors contribute to the scientific theory of evolution by natural selection and diversity of organisms.			
3	MASTERY	I can identify genetic variation and environmental factors that contribute to the scientific theory of evolution by natural selection and diversity of organisms.			
2	PARTIAL MASTERY	I can recognize that species' traits evolve over time as a result of genetic variation and environmental factors.			
1	BUILDING MASTERY	With help, I can demonstrate partial mastery of some of the simpler tasks listed above, but I still make mistakes.			
0	NOVICE	I currently have no knowledge or mastery of the skills and tasks listed above, but I will make an effort to learn them.			