5th Grade Learning Progression Scales

Learning Goal:	I can recognize and explain that science is grounded in empirical observations that are testable; I know that explanation must always be linked with evidence.	
Standard(s):	**SC.5.N.2.1** Recognize and explain that science is grounded in empirical observations that are testable; explanation must always be linked with evidence. (Context Complexity: Level 2: Basic Application of Skills & Concepts)	
Scale		**Sample Progress Monitoring Assessment Activities**
4.0	In addition to 3.0, I can conduct a scientific investigation, make empirical observations that are testable; I can explain my results based on the evidence I collect.	Student Investigation, Data, Analysis, and Conclusions
3.0 Target	I can recognize and explain that science is grounded in empirical observations that are testable; I know that explanation must always be linked with evidence.	*U1, L6 Inquiry Lesson: How Can Scientists Learn from Observations? SB pages 53-54 (Digital Lesson TS500006) *U2, L2 Inquiry Lesson: How Do We Observe Objects in the Solar System? SB pages 81-82 (Digital Lesson TS500008) *U5, L2 Inquiry Lesson: What Changes Can Energy Cause? SB pages 245-246 (Digital Lesson TS500023) *U6, L1 Inquiry Lesson: What Is an Electric Circuit? SB pages 283-284 (Digital Lesson TS500027) *U10, L2 Inquiry Lesson: Why Do Bird Beaks Differ? SB pages 435-436 (Digital Lesson TS500039)
2.0	I can recognize that scientific evidence is based on testable observations.	Teacher Observation of Inquiry Lesson
1.0	With help, I can recognize that scientific evidence is based on testable observations.	Teacher Observation of Inquiry Lesson