

5th Grade Learning Progression Scales

Learning Goal:	Explain the difference between an experiment and other types of scientific investigation.	
Standard(s):	SC.5.N.1.2 Explain the difference between an experiment and other types of scientific investigation.	
DOK	Level 2: Basic Application of Skills and Concepts	
Scale		Sample Progress Monitoring Assessment Activities
4.0	In addition to 3.0, in-depth inferences and applications that go beyond what was taught the student is able to: I can demonstrate the difference between an experiment and an investigation.	Student is able to develop a presentation that demonstrates the differences between an experiment and an investigation.
3.0 Target	The student understands and is able to: I can explain the difference between an experiment and a scientific investigation. The student exhibits no major errors or omissions.	Student can explain that an investigation is observing the natural world, without interference, and an experiment involves variables that establishes a cause and effect relationship.
2.0	There are no major errors or omission regarding the simpler details and processes; however, the student exhibits major errors or omissions regarding the more complex ideas and processes. The student is able to: I can identify an experiment and an investigation.	Student will use a T-chart to list the characteristics of an experiment and an investigation.
1.0	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes the student is able to: With help I can differentiate between an experiment and an investigation.	Student will group scientific scenarios as either an experiment or an investigation.