

Figure 7.1: Two Science Proficiency Scales

4—Refined Mastery	3—Demonstrates Proficiency	2—Approaching Proficiency	1—Developing Foundational Skills
Learning Target: Analyzing and interpreting data			
I can analyze and interpret data using all essential components in unfamiliar contexts or make connections to related science concepts.	I can analyze and interpret data using all essential components in familiar contexts.	I can analyze and interpret data using some essential components in familiar contexts.	I can analyze and interpret data in familiar contexts with support.
Learning Target: Constructing scientific explanations			
I can construct an explanation for a scientific phenomenon using all essential components in unfamiliar contexts or make connections to related science concepts.	I can construct an explanation for a scientific phenomenon using all essential components in familiar contexts.	I can construct an explanation for a scientific phenomenon using some essential components in familiar contexts.	I can construct an explanation for a scientific phenomenon in familiar contexts with support.