

Self-Determination Vertical Alignment: Science 6-12

Scientific Investigation and Reasoning: Conducting Field Investigations

The student, for at least 40% of instructional time, conducts laboratory and field investigations following safety procedures and environmentally appropriate and ethical practices. The student is expected to:

6th Grade 112.18	7th Grade 112.19	8th Grade 112.20	IPC 112.38	Biology 112.34	Environmental Systems 112.37	Chemistry 112.35
1	1	1				
(A) demonstrate safe practices during laboratory and field investigations as outlined in Texas Education Agency-approved safety standards						

Scientific Investigation and Reasoning: Practices

The student uses scientific practices during laboratory and outdoor investigations. The student is expected to:

6th Grade 112.18	7th Grade 112.19	8th Grade 112.20	IPC 112.38	Biology 112.34	Environmental Systems 112.37	Chemistry 112.35
2	2	2				
(A) plan and implement comparative and descriptive investigations by making observations, asking well defined questions, and using appropriate equipment and technology						

Self-Determination K-12 TEKS Vertical Alignment

This document captures existing TEKS that closely align with teaching self-determination and decision-making skills to students with disabilities in Texas as required by [TAC §89.1055\(h\)\(10\)\(A\)](#). Definitions from the research of Dr. Michael Wehmeyer and from The National Gateway to Self-Determination Project are the measures against which all TEKS were compared in order to determine their relevance. Only TEKS that met this standard were included, while all others were omitted.

Dr. Michael Wehmeyer defines self-determination as “acting as the primary causal agent in one’s life and making choices and decisions regarding one’s quality of life free from undue external influence or interference.”¹

The National Gateway to Self-Determination Project says that self-determined people make things happen in their own lives to improve the quality of their lives. They know what they want and how to get it, and they set goals and then work to reach them. They advocate on their own behalf and are involved in solving problems and making decisions about their lives.²

Scientific Investigation and Reasoning: Ask, Identify, Plan, Conduct

The student, for at least 40% of instructional time, asks questions, identifies problems, and plans and safely conducts classroom, laboratory, and field investigations to answer questions, explain phenomena, or design solutions using appropriate tools and models. The student is expected to:

6th Grade 112.18	7th Grade 112.19	8th Grade 112.20	IPC 112.38	Biology 112.34	Environmental Systems 112.37	Chemistry 112.35
			1	1	1	1
			(A) ask questions and define problems based on observations or information from text, phenomena, models, or investigations			
			(C) use appropriate safety equipment and practices during laboratory, classroom, and field investigations as outlined in Texas Education Agency-approved safety standards			