

DEFINITION F COMMUNICATION

NOTE: This definition assumes the student is already proficient with the concepts and procedures described in the Washington State Grade Level Expectations for Science through Grades 9/10.

The student effectively communicates scientific knowledge.

COMPONENT	EVIDENCE of LEARNING
E.1 Use appropriate terminology and technology to communicate scientific knowledge.	<ul style="list-style-type: none"> • Communicate results using pictures, tables, charts, diagrams, graphic displays and text that are clear, neat, accurate, and informative. [PASS & Benchmarks for Scientific Literacy] • Accurately use terminology, symbols, notations, and formulas to report results, identify patterns in data, and propose explanations. [PASS]
E.2 Communicate scientific information and defend scientific arguments both orally and in writing. [National Science Education Standards]	<ul style="list-style-type: none"> • Translate knowledge of scientific writings and terminology into everyday language. [KSUS] • Clearly explain scientific claims or arguments presented. [PASS]. • Clearly communicate questions, hypotheses, methods, results, and conclusions. • Use scientific evidence, as opposed to anecdote or personal opinion, to support scientific arguments. • Seek and readily accept constructive comments.

The Higher Education Coordinating Board and the College Readiness Content Development Teams wish to express their appreciation to the Office of Superintendent of Public Instruction for its work with the EALRs (Essential Academic Learning Requirements) and the associated GLEs (Grade Level Expectations), and for granting permission for the college readiness definitions to use language directly from the GLEs when appropriate.