

Operationalized POGIL Process Skill Definitions

PROCESS SKILL	Operational Definitions (Final– July 2015)
ORAL & WRITTEN COMMUNICATION	<p><u>Oral Communication:</u> Exchanging information and understanding through speaking, listening, and non-verbal behaviors.</p> <p><u>Written Communication:</u> Conveying information and understanding to an intended audience through written materials (paper, electronic, etc).</p>
TEAMWORK	Interacting with others and building on each other’s individual strengths and skills, working toward a common goal.
PROBLEM SOLVING	Identifying, planning, and executing a strategy that goes beyond routine action to find a solution to a situation or question
CRITICAL THINKING	Analyzing, evaluating, or synthesizing relevant information to form an argument or reach a conclusion supported with evidence.
MANAGEMENT	Planning, organizing, directing, and coordinating one’s own and others’ efforts to accomplish a goal.
INFORMATION PROCESSING	Evaluating, interpreting, manipulating, or transforming information
ASSESSMENT (Self Assessment and Metacognition)	<p><u>Self and Peer Assessment:</u> Gathering information and reflecting on experiences to improve subsequent learning and performance.</p> <p><u>Metacognition:</u> Thinking/reflecting about one’s thinking and how one learns, and being aware of one’s knowledge.</p>