

	ALPHA	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN				
Standard 2 - Quantitative Reasoning	NUMBER	111	112	115	120	121	122	131	140	150	160	220	240	250	251	265	271	280	281	292V	293V	294V	
Synthesize and articulate information using appropriate mathematical methods to solve problems of quantitative reasoning accurately and appropriately.																							
Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately.	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1
Outcome 2.2 - Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.	0	0	0	1	0	1	2	2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	1
Outcome 2.3 - Communicate clearly and concisely the methods and results of quantitative problem solving.	0	0	0	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1
Outcome 2.4 - Formulate and test hypotheses using numerical experimentation.	0	0	0	1	0	1	2	2	2	2	1	1	2	2	2	1	2	2	2	2	1	1	1
Outcome 2.5 - Define quantitative issues and problems, gather relevant information, analyze that information, and present results.	1	1	1	2	1	2	2	2	2	2	2	2	2	2	3	1	3	2	2	2	1	1	1
Outcome 2.6 - Assess the validity of statistical conclusions.	0	0	0	1	0	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1

Standard 3 - Information Retrieval and Technology Access, evaluate, and utilize information effectively, ethically, and responsibly.	ALPHA		CULN		CULN		CULN		CULN		CULN		CULN		CULN		CULN		CULN		CULN	
	NUMBER	111	112	115	120	121	122	131	140	150	160	220	240	250	251	265	271	280	281	292V	293V	294V
Outcome 3.1 - Use print and electronic information technology ethically and responsibly.		1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Outcome 3.2 - Demonstrate knowledge of basic vocabulary, concepts, and operations of information retrieval and technology.		1	1	2	1	2	2	2	2	2	3	2	3	3	3	3	2	2	2	2	2	1
Outcome 3.3 - Recognize, identify, and define an information need.		1	1	1	1	1	2	2	2	3	1	2	2	2	2	2	2	1	1	2	2	1
Outcome 3.4 - Access and retrieve information through print and electronic media, evaluating the accuracy and authenticity of that information.		1	1	2	1	2	2	2	2	2	2	1	1	3	3	2	3	1	1	1	2	1
Outcome 3.5 - Create, manage, organize, and communicate information through electronic media.		1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
Outcome 3.6 - Recognize changing technologies and make informed choices about their appropriateness and use.		1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2

	ALPHA	CULN	111	112	115	120	121	122	131	140	150	160	220	240	250	251	265	274	280	281	292V	293V	294V	
Standard 5 - Critical Thinking																								
Apply critical thinking skills to effectively address the challenges and solve problems.																								
Outcome 5.1 - Identify and state problems, issues, arguments, and questions contained in a body of information.																								
	2	2	2	2	2	2	1	2	2	2	2	2	3	2	3	3	2	2	2	2	1	2	1	
Outcome 5.2 - Identify and analyze assumptions and underlying points of view relating to an issue or problem.																								
	2	2	2	2	2	2	1	2	2	2	2	3	3	2	3	3	2	2	2	2	1	2	1	
Outcome 5.3 - Formulate research questions that require descriptive and explanatory analyses.																								
	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.																								
	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	
Outcome 5.5 - Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, and biases through the use of appropriate evidence.																								
	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2	3	2	2	2	3	1	
Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.																								
	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	1	
Outcome 5.7 - Synthesize information from various sources, drawing appropriate conclusions.																								
	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	1	2	1
Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasoning.																								
	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
Outcome 5.9 - Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of others.																								
	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	3	3	3	1	2	1	

Standard 6 - Creativity	ALPHA NUMBER	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN	CULN		
Able to express originality through a variety of forms	111	112	114	115	120	121	122	131	140	150	160	220	240	250	251	271	280	281	292V	293V	294V
Outcome 6.1: Generate responses to problems and challenges through intuition and non-linear thinking	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1	2	1
Outcome 6.2: Explore diverse approaches to solving a problem or addressing a challenge	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
Outcome 6.3: Sustain engagement in activities without a preconceived purpose	2	1	2	2	2	2	2	2	2	2	1	2	2	3	3	2	2	2	2	2	2
Outcome 6.4: Apply creative principles to discover and express new idea	2	1	1	2	2	2	2	2	2	2	1	2	2	3	3	1	2	2	1	2	1
Outcome 6.5: Demonstrate the ability to trust and follow one's instincts in the absence of external direction	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1
Outcome 6.6: Build upon or adapt ideas of others to create novel expressions or new solutions	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1