

ATL Category	ATL Cluster	ATL Skills	LEARNER PROFILE	SEL Competency	SEL SKILL	
THINKING	CRITICAL THINKING SKILLS	Practice observing carefully in order to recognize problems	Thinkers	Relationship Skills Responsible Decision Making	Identify who, when, where, or how to seek help for oneself or others when needed Recognize and identify the thoughts, feelings and perspectives of others	
		Gather and organize relevant information to formulate an argument	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Recognize unstated assumptions and bias	Thinkers	Social Awareness Responsible Decision Making	Recognize and identify the thoughts, feelings and perspectives of others Develop, implement and model effective problem solving and critical thinking skills	
		Interpret data	Thinkers	Responsible Decision Making	Recognize and identify the thoughts, feelings and perspectives of others Develop, implement and model effective problem solving and critical thinking skills	
		Evaluate evidence and arguments	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Recognize and evaluate propositions	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Draw reasonable conclusions and generalizations	Thinkers	Responsible Decision Making	Recognize and identify the thoughts, feelings and perspectives of others Develop, implement and model effective problem solving and critical thinking skills	
		Test generalizations and conclusions	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Revise understanding based on new information and evidence	Thinkers	Responsible Decision Making	Recognize and identify the thoughts, feelings and perspectives of others Develop, implement and model effective problem solving and critical thinking skills	
		Evaluate and manage risk	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Formulate factual, topical, conceptual and debateable questions	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Consider ideas from multiple perspectives	Thinkers Open-Minded	Social Awareness Responsible Decision Making	Demonstrate an understanding of the need for mutual respect when view points differ Recognize and identify the thoughts, feelings and perspectives of others Demonstrate an awareness of the differences among individuals, groups and others' cultural backgrounds	
		Develop contrary or opposing arguments	Inquirer	Social Awareness Responsible Decision Making	Demonstrate an understanding of the need for mutual respect when viewpoints differ Develop, implement and model effective problem solving and critical thinking skills	
		Analyze complex concepts and projects into their constituent parts and synthesize them to create new understanding	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Propose and evaluate a variety of solutions	Thinkers	Relationship Skills Responsible Decision Making	Demonstrate the ability to prevent and resolve interpersonal conflicts in constructive ways Develop, implement and model effective problem solving and critical thinking skills	
		Identify obstacles and challenges	Thinkers	Relationship Skills Responsible Decision Making	Identify who, when, where, or how to seek help for oneself or others when needed Develop, implement and model effective problem solving and critical thinking skills	
		Use models and simulations to explore complex systems and issues	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Identify trends and forecast possibilities	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Troubleshoot systems and applications	Knowledgeable	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		CREATIVITY AND INNOVATION	Use brainstorming and mind mapping to generate new ideas and inquiries	Inquirers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Consider multiple alternatives, including those that might be unlikely or impossible	Open-Minded	Social Awareness Responsible Decision Making	Demonstrate an understanding of the need for mutual respect when viewpoints differ Demonstrate an awareness of the differences among individuals, groups and others' cultural backgrounds Develop, implement and model effective problem solving and critical thinking skills Identify the consequences associated with one's actions in order to make constructive choices
			Create novel solutions to complex problems	Knowledgeable	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Use lateral thinking to make unexpected connections	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Design improvements to existing machines, media and technologies	Knowledgeable	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Design new machines, media and technologies	Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Make guesses and generate testable hypotheses	Reflective	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
	Apply existing knowledge to generate new ideas, products or processes		Reflective	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
	Create original works and ideas		Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
	Practice flexible thinking - arguing both sides of an argument		Thinkers	Social Awareness Responsible Decision Making	Demonstrate an understanding of the need for mutual respect when viewpoints differ Develop, implement and model effective problem solving and critical thinking skills	
	Use visible thinking strategies and techniques		Thinkers	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
	Propose metaphors and analogies		Reflective	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
	TRANSFERSKILLS		Utilize effective learning strategies in subject groups and disciplines	Reflective	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills Identify the consequences associated with one's actions in order to make constructive choices
			Apply skills and knowledge in unfamiliar situations	Knowledgeable	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Inquire in different contexts to gain a different perspective	Inquirer Open-Minded	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
			Compare conceptual understanding across multiple subject groups and disciplines	Reflective	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills
		Make connections between subject groups and disciplines	Reflective	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Combine knowledge, understanding and skills to create products or solutions	Knowledgeable	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills Evaluate personal, ethical, safety and civic impact of decisions	
		Transfer current knowledge to learning of new technologies	Knowledgeable	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	
		Change the context of an inquiry to gain different perspectives	Open-Minded	Responsible Decision Making	Develop, implement and model effective problem solving and critical thinking skills	