

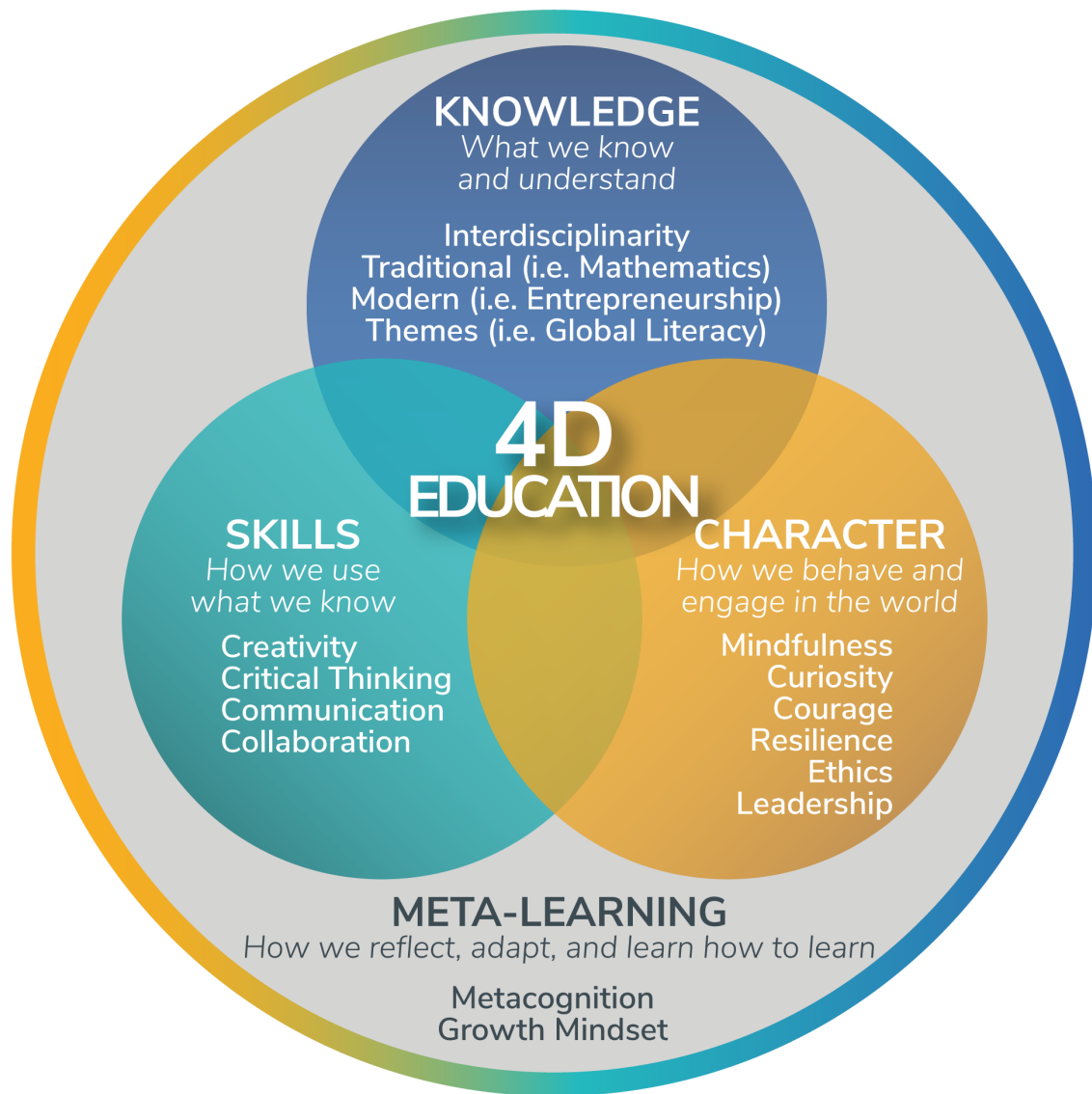
4D Education Framework



Knowledge Skills
Character Meta-Learning

The 4-Dimensional Framework

Knowledge, Skills, Character, and Meta-Learning



Knowledge Dimension

What we know and understand

<p>Modernized Traditional Disciplines</p>	<p>Mathematics Science English (Native) Language Arts Global (Foreign) Languages Social Studies Performing Arts Visual Arts Physical Education</p>	<p>I N T E R D I S C I P L I N A R Y</p>	<p>Themes <i>Embedded everywhere across Knowledge, as appropriate</i></p> <p>Sustainability/Environmental Literacy Global Literacy Civic Literacy Information Literacy Digital Literacy Systems Thinking Design Thinking Computational Thinking</p>
<p>Modern Disciplines</p>	<p>Technology and Engineering Entrepreneurship and Business Social Sciences Media Wellness Personal Finance</p>		

Skills Dimension

How we use what we know

Competency	Subcompetency
CREATIVITY	CRE1: Generating and seeking new ideas
	CRE2: Developing personal tastes and aesthetics
	CRE3: Being comfortable with risks, uncertainty, and failure
	CRE4: Connecting, reorganizing, and refining ideas into a cohesive whole
	CRE5: Realizing ideas while recognizing constraints
	CRE6: Reflecting on processes and outcomes
CRITICAL THINKING	CRI1: Identifying, clarifying, and organizing information
	CRI2: Considering other points of view
	CRI3: Applying sound reasoning to decision-making
	CRI4: Assessing validity and quality of information
	CRI5: Reflecting critically on one's own reasoning and assumptions
COMMUNICATION	COM1: Asking questions and actively listening
	COM2: Clearly and concisely articulating ideas or messages
	COM3: Using and understanding nonverbal and paralingual communication
	COM4: Communicating via multiple modes (digitally, orally, etc.)
	COM5: Empathizing with audiences and adapting messages accordingly
COLLABORATION	COL1: Taking and sharing responsibility with others
	COL2: Utilizing each individual's unique skills and perspectives
	COL3: Navigating and resolving interpersonal conflict
	COL4: Giving and receiving constructive feedback
	COL5: Empathizing with and actively supporting team members

Character Dimension

How we behave and engage in the world

Competency	Subcompetency
MINDFULNESS	MIN1: Attending to one's body, emotions, and reactions in the present moment
	MIN2: Understanding by describing one's emotions and reactions
	MIN3: Building effective habits for regulation of inner experience
	MIN4: Cultivating positivity, open-mindedness, patience and compassion
CURIOSITY	CUR1: Seeking to understand deeply
	CUR2: Seeking out novelty and trying new things
	CUR3: Seeking different perspectives to broaden understanding
	CUR4: Actively pursuing one's own interests and passions
COURAGE	COU1: Pursuing ambitious goals despite social, financial, physical or emotional risk to self
	COU2: Standing up for one's values
	COU3: Engaging with others in a vulnerable way
RESILIENCE	RES1: Adapting flexibly
	RES2: Building strong social networks
	RES3: Managing stress and expressing emotions appropriately
	RES4: Orienting to a meaning or purpose
	RES5: Persevering through challenges but seeking help when needed
ETHICS	ETH1: Identifying and describing ethical concepts
	ETH2: Making ethical decisions and taking ethical actions
	ETH3: Understanding the ethical perspectives of others
	ETH4: Understanding and assessing values, (civil) rights, and responsibilities
LEADERSHIP	LEA1: Determining challenges and setting goals
	LEA2: Managing power ethically
	LEA3: Thinking strategically to best utilize resources (people and material)
	LEA4: Evaluating team outcomes and adapting accordingly
	LEA5: Respectfully collaborating with others
	LEA6: Contributing to the broader group or community
	LEA7: Sharing one's vision and inspiring others

Meta-Learning Dimension

How we reflect, adapt, and learn how to learn

Competency	Subcompetency
METACOGNITION	MET1: Reflecting on processes, achievements, learning, and/or identity
	MET2: Determining goals, plans to achieve those goals, and monitoring one's progress
	MET3: Monitoring comprehension and managing information accordingly
	MET4: Evaluating one's actions and their consequences
	MET5: Considering alternatives and different perspectives
	MET6: Practicing awareness and regulation of internal state
	MET7: Thinking and adapting flexibly
GROWTH MINDSET	GRO1: Believing in one's agency and having high self-efficacy
	GRO2: Learning from mistakes and welcoming feedback as a chance to grow
	GRO3: Persevering for deeper expertise and understanding
	GRO4: Understanding one's current strengths and weaknesses
	GRO5: Finding joy in learning and becoming a lifelong learner