

Framework for Global Literacy

Intrapersonal Competencies

Cognitive Literacy

- **Executive Function and Processing** (Attention Control, Working Memory, Processing Speed, Inhibitory Control, Cognitive Flexibility, Task Initiation, Emotional Regulation)
- **Metacognitive Skills** (Learning Recognition, Strategy Selection, Progress Monitoring, Error Analysis, Self-Reflection, Performance Evaluation)
- **Learning Behaviors** (Skill Development, Habit Formation, Strategy Implementation, Study Techniques, Practice Routines, Learning Patterns)
- **Growth Mindset** (Goal Setting, Challenge Response, Effort Understanding, Feedback Integration, Mistake Management, Purpose Development, Intrinsic Motivation)
- **Self-Management** (Planning Systems, Organization Methods, Engagement Techniques, Resource Management, Time Management, Work Completion)

Information Literacy

- **Foundational Understanding** (Comprehension, knowledge Acquisition, Information Retention, Memory Systems, Pattern Recognition, Knowledge Transfer)
- **Language Systems** (Alphabetic Principles, Symbolic Representation, Semiotics, Figurative Language)
- **Information Processing** (Fluency, Synthesis, Recall, Information Mapping, Knowledge Application)
- **Meaning Construction** (Theme Recognition, Concept Formation, Schema Development, Mental Models, Tone Development)
- **Language Functions** (Narrative, Expository, Persuasive, Descriptive)
- **Vocabulary** (Morphology, Etymology, Semantics, Multiple Meanings)

Iterative Literacy

- **Creative Development** (Curiosity, Innovative Thinking, Cognitive Flexibility, Original Ideation, Expertise Building, Problem Solving)
- **Inquiry Process** (Question Formation, Assumption Identification, Research Methods, Information Verification, Source Evaluation, Knowledge Synthesis, Classification Techniques)
- **Logical & Analytical Thinking** (Deductive Reasoning, Inductive Reasoning, Abductive Reasoning, Evidence Analysis, Claim Validation, Context Evaluation, Mental Model Construction)
- **Design Thinking** (Problem Identification, Audience Analysis, Hypothesis Development, Prototype Creation, Testing Methods, Iteration Process, Design Refinement)
- **Implementation & Evaluation** (Solution Testing, Performance Analysis, Effectiveness Assessment, Process Refinement, Outcome Evaluation, Impact Measurement, Continuous Improvement)

Civic and Social Literacy

- **Perspective** (Awareness, Point of View, Empathy, Respect)
- **Character** (Grit, Resilience, Tenacity, Responsibility)
- **Ethics** (Values, Equity, Rights, Justice)
- **Belonging** (Diversity, Inclusion, Freedom)
- **Accountability** (Hierarchical Controls, Laws, Expectations)
- **Citizenship** (Care, Response, Courage, Concern)

Mathematical Literacy

- **Numeracy** (Quantity, Measurement, Estimation, Patterns)
- **Calculation** (Addition, Subtraction, Multiplication, Division, Proportion)
- **Computation** (Decomposition, Algorithms, Abstraction)
- **Algebra** (Operations, Equations, Expressions)
- **Statistics** (Probability, Distribution, Deviation, Variance, Correlation, Tendency)
- **Geometry** (Figures, Lines, Points, Planes, Angles)
- **Finances** (Currency & Value, Budgeting, Investment, Supply & Demand, Market Analysis)

Interpersonal Competencies

Cultural Literacy

- **Environment** (Physical Geography, Landforms & Features, Climate and Weather, Natural resources)
- **Human Geography** (Population Patterns, Settlement Types, Environmental Impact, Cultural Adaptation)
- **Historical Analysis** (Key Events & Turning Points, Historical Debates, Cause and Effect, Implications, Decision Making)
- **Government Structures** (Types of Government, Levels of Authority, Branches of Power, Civic Participation)
- **Cultural Engagement** (Social Activities, Physical Recreation, Intellectual Pursuits, Cultural Celebrations)
- **VOICE** (Independence, Teamwork, Advocacy, Conflict, Influence, Leadership)
- **Play** (Associative, Competitive, Cooperative, Parallel, Solidary, Spectator)

Communication Literacy

- **Receptive Language** (Listening, Phonic Awareness, Auditory Processing)
- **Reading** (Print Concepts, Phonics and Decoding, Fluency, Text Structure)
- **Expressive Language** (Articulation, Expression, Public Speaking, Discussion Skills)
- **Writing Production** (Fine Motor, Handwriting, Cursive, Transcription)
- **Nonverbal** (Body Language, Eye Contact, Facial Expressions, Spatial Awareness, Paralinguistic Features)
- **Communication Context** (Style and Purpose, Audience Awareness, Register, Genre Conventions, Cultural Considerations)
- **Conventions** (Text Organization, Mechanics, Syntax, Grammar)

Visual Literacy

- **Form** (Shape, Space, Size, Volume)
- **Composition** (Balance, Alignment, Proximity, Scale, Emphasis)
- **Dynamics** (Movement, Contrast, Harmony, Variety, Rhythm)
- **Media** (Art, Photography, Dance, Music, Film/Video, Web Design)

Entrepreneurial Literacy

- **Entrepreneurship** (Vision, Branding, Opportunity, Performance, Implementation)
- **Business** (Sole Proprietorship, Partnerships, Corporation)
- **Economics** (Allocation, Production, Consumption, Investment)
- **Collaborate** (Invitation, Pragmatics, Transparency, Agreement)

Foreign Language Foundations

- **Phonological Awareness** (sound recognition, pronunciation)
- **Alphabetic Systems** (Character recognition, writing systems)
- **Vocabulary** (high frequency words, essential phrases)
- **Grammar Fundamentals** (basic syntax, word order)
- **Morphological Awareness** (word formation, root words)

Embedded Competencies

Scientific Literacy

- **Earth and Space** (Universe, Solar System, Earth, Weather, Climate)
- **Life Science** (Organisms, Development, Ecosystems, Biodiversity)
- **Physical Sciences** (Matter, Chemical, Force, Motion, Energy)
- **Engineering** (Integration, Manufacturing, Tinkering)
- **Learning Process** (Brain, Neurons, Nervous System)
- **Fitness** (Agility, Endurance, Speed, Strength)
- **Health** (Nutrition, Sleep, Exercise, Stress, Safety)