**Grade 2 Requirement Examples (***\*Aligned with IB PYP, American Standards (Common Core, NGSS), and Global Education Frameworks)*

**English Language Arts (ELA):**

**Reading Literature**: Reads and understands stories and informational texts, identifying key details

**Writing:** Writes paragraphs with topic sentences and supporting details

**Literacy**: Expands vocabulary through synonyms, antonyms, and context clues

**Speaking and Listening**: Develops speaking and listening skills in collaborative discussions

**Mathematics:**

**Number operations in base 10**: Adds and subtracts within 100 using place value strategies

**Operations and Algebraic Thinking:**  Understands concepts of even and odd numbers

**Measurement and Data:** Measures objects using standard units like inches and centimeters

**Geometry:** Identifies and draws shapes based on their attributes

**Science (NGSS):**

**Ecosystems**: Investigates plant and animal life cycles

**Matter**: Explores changes in matter through observations

**Social Studies (IB Transdisciplinary Themes):**

**Where We Are in Place and Time**: Explores local communities and their history

**How We Express Ourselves**: Learns about symbols and traditions across cultures

**Social-Emotional Development (IB Learner Profile):**

**Principled**: Develops independence in tasks and assignments

**Thinkers:** Shows responsibility in contributing to group activities

**Global Standards:**

Awareness of global concepts like sustainability and cultural diversity (linked to IB transdisciplinary themes like *Sharing the Planet*)

Familiarity with basic geography (e.g., continents and oceans) and simple historical concepts (e.g., family traditions)

**Academic Readiness:**

Ability to read simple sentences and short paragraphs independently

Write basic sentences with correct letter formation

Basic addition and subtraction skills and understanding of number sequences up to 100

**Social-Emotional Readiness:**

Ability to focus on tasks for at least 15-20 minutes

Participates in group discussions and activities

Demonstrates an understanding of classroom routines and responsibilities