

# Florida Standards Implementation Guide



## Mathematics

### Focus

The Mathematics standards allow for the teaching and learning of mathematical concepts focused around major clusters at each grade level, enhanced by supporting and additional clusters. Focus on the major clusters will help students gain strong foundations and the ability to apply the math they know to solve problems inside and outside the classroom.

---

### Coherence

Mathematics is a coherent body of knowledge made up of interconnected concepts. Therefore, the standards are designed around coherent progressions from grade to grade. Learning is carefully connected across grades so that students can build new understanding onto foundations built in previous years.

---

### Rigor

Rigor refers to a deep, authentic command of mathematical concepts. The following components of rigor should be pursued in the classroom with equal intensity:

#### Conceptual Understanding:

The standards call for conceptual understanding of key concepts. Students must be able to access concepts from a number of perspectives in order to see math as more than a set of mnemonics or discrete procedures.

#### Procedural skill and fluency:

The standards call for speed and accuracy in calculation. Students must practice core functions in order to have access to more complex concepts and procedures.

#### Application:

The standards call for students to exercise critical thinking in order to choose the appropriate concept for application. Opportunities should be provided in the classroom at all grade levels for students to apply math concepts in "real world" situations. Correctly applying mathematical knowledge depends on students having a solid conceptual understanding and procedural fluency.

---



# Florida Standards Implementation Guide



## English Language Arts

### **Complex Texts & Academic Vocabulary**

The Language Arts Florida Standards (LAFS) outline a progressive development of reading comprehension so that all students advancing through the grades are prepared to read literature and literary nonfiction independently and proficiently. The LAFS progression underscores the growing complexity of the texts that all students must read to be ready for college and career. Through the authentic teaching and learning of speaking, listening, reading, writing and language standards all students acquire and use vocabulary in and across subject areas.

---

### **Building Knowledge**

The Language Arts Florida Standards (LAFS) include separate standards for reading literature and informational text in grades K-12. Reading standards for literacy in history/social studies and reading standards for literacy in science and technical subjects are included at the secondary level (6-12). The LAFS build student content knowledge across grade levels and subject areas through the inclusion of teaching and learning with informational texts. Content-rich texts and appropriate standards-based instruction provides all students with extensive opportunities to develop strong general knowledge, acquire vocabulary and learn about the world around them on their path to college and career readiness.

---

### **Text Based Evidence**

The Language Arts Florida Standards (LAFS) require all students to engage in evidence-based speaking, listening, reading and writing. Beyond engaging students in tasks that emphasize prior knowledge and personal experience, the LAFS emphasize citing and integrating evidence from multiple texts and different mediums to accurately produce and synthesize information, engage in analysis and support claims/controlling ideas for a range of discipline-specific tasks, purposes and audiences.

---

