

MISSISSIPPI

CURRICULUM TEST, SECOND EDITION

MCT2

About the Tests

The **Language Arts MCT2** measures a student's knowledge of grade-level curriculum as specified in the *2006 MS Language Arts Curriculum Framework – Revised*. The following competencies are measured by the Mississippi Curriculum Test, Second Edition:

- The student will use word recognition and vocabulary (word meaning) skills to communicate.
- The student will apply strategies and skills to comprehend, respond to, interpret, or evaluate a variety of texts of increasing length, difficulty, and complexity.
- The student will express, communicate, evaluate, or exchange ideas effectively.
- The student will apply Standard English to communicate.

The **Mathematics MCT2** for grades 3-7 measures a student's knowledge of and skill level in general mathematics; the Mathematics MCT2 for grade 8 measures student knowledge of and skill level in Pre-Algebra.

- **Numbers and Operations:** Analyze relationships among numbers and the four basic operations. Compute fluently and make reasonable estimates.
- **Algebra:** Explain, analyze, and generate patterns, relationships, and functions using algebraic symbols, demonstrate and understanding of the properties of the basic operations, and analyze change in various contexts.
- **Geometry:** Develop mathematical arguments about geometric relationships and describe spatial relationships using coordinate geometry.
- **Measurement:** Develop concepts and apply appropriate tools and techniques to determine units of measure.
- **Data Analysis and Probability:** Formulate questions that can be addressed with data and select and use appropriate statistical methods to analyze data. Apply basic concepts of probability.