

# NATIONAL STANDARDS MATRIX



## LANGUAGE ARTS

### NCTE and IRA Standards for the English Language Arts

#### Standard 3.

Students apply a wide range of strategies to comprehend, interpret, evaluate, and appreciate texts. Students draw on their prior experience and understanding of textual features including sound-letter correspondence and graphics.

#### Standard 5.

Students employ a wide range of strategies as they write and use different writing process elements appropriately to communicate with different audiences for a variety of purposes.

#### Standard 6.

Students apply knowledge of language structure and various conventions to create, critique, and discuss print and nonprint texts.

#### Standard 11.

Students participate as knowledgeable, reflective, creative, and critical members of a variety of literacy communities.

#### Standard 12.

Students use spoken, written, and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion, and the exchange of information).

### McREL Language Arts Standards

#### Standard 3.

Uses grammatical and mechanical conventions in written compositions.

#### Standard 5.

Uses the general skills and strategies of the reading process.

#### Standard 7.

Uses reading skills and strategies to understand and interpret a variety of informational texts.

#### Standard 8.

Uses listening and speaking strategies for different purposes.



## HEALTH

### McREL Health Standards

#### Standard 6.

Understands essential concepts about nutrition and diet; classifies foods according to food group.

#### Standard 10.

Understands the fundamental concepts of growth and development.

## LESSONS

1, 2, 3, 4

1, 4

1, 2, 3, 4

1, 2, 3, 4

1, 2, 3, 4

3, 4

1, 2, 3, 4

1, 2, 4

1, 2, 3, 4

1, 2, 3, 4

1, 3



## SCIENCE

### Association for the Advancement of Science Benchmarks for Science Literacy

#### 2C. Mathematical Inquiry

Students should understand that numbers and shapes can be used to describe many things in the world around them.

#### 4D. The Structure of Matter

Students examine and use a wide variety of objects, categorizing them according to their various observable properties.

#### 6C. Basic Functions

Children at this level think each organ has its own independent function. The eyes are for seeing, the brain is for thinking, the stomach is for digesting food, etc.

#### 6D. Learning

Students should be interested in learning about their surroundings and all the ways they can interact with these surroundings.

#### 6E. Physical Health

Children should begin to learn ways to keep healthy and understand some of the differences between being healthy and unhealthy.

#### 9A. Numbers

Students play counting games, and are able to compare, combine, equalize, and change numbers as well as "take away" and "add to." Students also discover how numbers may be used for naming things ("The house at 12 Main St.").

#### 12B. Computation and Estimation

Students are able to use whole numbers and simple, everyday fractions. They readily give the sums and differences and rough quantitative estimates. Students are able to explain how they go about solving numerical problems.

#### 12D. Communication Skills

Students are able to describe and compare objects accurately, and draw pictures that correctly portray at least some features of the thing being described.

#### 12E. Critical-Response Skills

Students ask "How do you know?" in appropriate situations and attempt reasonable answers when others ask them the same question.



## MATH

### National Council of Teachers of Mathematics Principles & Standards for School Mathematics

#### Communications Standard

Students should be able to verbalize their mathematical thinking with clarity, and evaluate the mathematical thinking and strategies of others.

## LESSONS

1, 2, 4

1, 2, 3, 4

3

3, 4

1, 2, 3

1, 2, 4

2, 4

1, 2, 3, 4

2, 4

3, 4

## SOURCES

**NCTE and IRA Standards for the English Language Arts:** [www.ncte.org/about/over/standards/118046.htm](http://www.ncte.org/about/over/standards/118046.htm)

**McREL Language Arts Standards:** [www.mcrel.com/compendium/SubjectTopics.asp?SubjectID=7](http://www.mcrel.com/compendium/SubjectTopics.asp?SubjectID=7)

**McREL Health Standards:** [www.mcrel.com/compendium/standardDetails.asp?subjectID=17](http://www.mcrel.com/compendium/standardDetails.asp?subjectID=17)

**Association for the Advancement of Science Benchmarks for Science Literacy:** [www.project2061.org/tools/benchol/bolintro.htm](http://www.project2061.org/tools/benchol/bolintro.htm)

**National Council of Teachers of Mathematics Principles & Standards for School Mathematics:** [www.standards.nctm.org/document/chapter4/index.htm](http://www.standards.nctm.org/document/chapter4/index.htm)

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