



WATER DETECTIVE PROGRAM

GRADE 4

TEXAS ESSENTIAL KNOWLEDGE AND SKILLS



§110.15. ENGLISH LANGUAGE ARTS AND READING, GRADE 4

(b) KNOWLEDGE AND SKILLS

STANDARD AND CONTENT

- (1) Reading/Fluency.** Students read grade-level text with fluency and comprehension. Students are expected to read aloud grade-level stories with fluency (rate, accuracy, expression, appropriate phrasing) and comprehension.
- (2) Reading/Vocabulary Development.** Students understand new vocabulary and use it when reading and writing.
- (9) Reading/Comprehension of Text/Independent Reading.** Students read independently for sustained periods of time and produce evidence of their reading. Students are expected to read independently for a sustained period of time and paraphrase what the reading was about, maintaining meaning and logical order (e.g., generate a reading log or journal; participate in book talks).
- (11) Reading/Comprehension of Informational Text/Expository Text.** Students analyze, make inferences and draw conclusions about expository text and provide evidence from text to support their understanding.
- (12) Reading/Comprehension of Informational Text/Persuasive Text.** Students analyze, make inferences and draw conclusions about persuasive text and provide evidence from text to support their analysis. Students are expected to explain how an author uses language to present information to influence what the reader thinks or does.
- (13) Reading/Comprehension of Informational Text/Procedural Texts.** Students understand how to glean and use information in procedural texts and documents.
- (14) Reading/Media Literacy.** Students use comprehension skills to analyze how words, images, graphics, and sounds work together in various forms to impact meaning. Students continue to apply earlier standards with greater depth in increasingly more complex texts.
- (23) Research/Research Plan.** Students ask open-ended research questions and develop a plan for answering them.
- (27) Listening and Speaking/Listening.** Students use comprehension skills to listen attentively to others in formal and informal settings. Students continue to apply earlier standards with greater complexity.
- (28) Listening and Speaking/Speaking.** Students speak clearly and to the point, using the conventions of language. Students continue to apply earlier standards with greater complexity. Students are expected to express an opinion supported by accurate information, employing eye contact, speaking rate, volume, and enunciation, and the conventions of language to communicate ideas effectively.
- (29) Listening and Speaking/Teamwork.** Students work productively with others in teams. Students continue to apply earlier standards with greater complexity. Students are expected to participate in teacher- and student-led discussions by posing and answering questions with appropriate detail and by providing suggestions that build upon the ideas of others.

Source: <http://tea.texas.gov/curriculum/teks/>



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§111.6. MATHEMATICS, GRADE 4

(b) KNOWLEDGE AND SKILLS

STANDARD AND CONTENT

- (1) Mathematical process standards.** The student uses mathematical processes to acquire and demonstrate mathematical understanding.
- (2) Number and operations.** The student applies mathematical process standards to represent, compare, and order whole numbers and decimals and understand relationships related to place value.
- (3) Number and operations.** The student applies mathematical process standards to represent and generate fractions to solve problems.
- (4) Number and operations.** The student applies mathematical process standards to develop and use strategies and methods for whole number computations and decimal sums and differences in order to solve problems with efficiency and accuracy.
- (8) Geometry and measurement.** The student applies mathematical process standards to select appropriate customary and metric units, strategies, and tools to solve problems involving measurement.
- (9) Data analysis.** The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.

Source: <http://tea.texas.gov/curriculum/teks/>



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§112.15. SCIENCE, GRADE 4

(b) KNOWLEDGE AND SKILLS

STANDARD AND CONTENT

- (1) Scientific investigation and reasoning.** The student conducts classroom and outdoor investigations, following home and school safety procedures and environmentally appropriate and ethical practices.
- (2) Scientific investigation and reasoning.** The student uses scientific inquiry methods during laboratory and outdoor investigations.
- (3) Scientific investigation and reasoning.** The student uses critical thinking and scientific problem solving to make informed decisions.
- (4) Scientific investigation and reasoning.** The student knows how to use a variety of tools, materials, equipment, and models to conduct science inquiry.
- (5) Matter and energy.** The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.
- (7) Earth and space.** The students know that Earth consists of useful resources and its surface is constantly changing.

Source: <http://tea.texas.gov/curriculum/teks/>