§110.16. ENGLISH LANGUAGE ARTS AND READING, GRADE 5
(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 summarize or paraphrase what the reading was about, maintaining meaning and logical order (e.g., generate a reading log or journal; participate in book talks).

(10) Reading/Comprehension of Informational Text/Culture and History. Students analyze, make inferences and draw conclusions about the author’s purpose in cultural, historical, and contemporary contexts and provide evidence from the text to support their understanding. Students are expected to draw conclusions from the information presented by an author and evaluate how well the author’s purpose was achieved.

(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.

(13) Reading/Comprehension of Informational Text/Procedural Texts. Students understand how to glean and use information in procedural texts and documents.

(17) Writing. Students write about their own experiences. Students are expected to write a personal narrative that conveys thoughts and feelings about an experience.

(19) Writing/Persuasive Texts. Students write persuasive texts to influence the attitudes or actions of a specific audience on specific issues. Students are expected to write persuasive essays for appropriate audiences that establish a position and include sound reasoning, detailed and relevant evidence, and consideration of alternatives.

(23) Research/Research Plan. Students ask open-ended research questions and develop a plan for answering them.

(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 student-led discussions by eliciting and considering suggestions from other group members and by identifying points of agreement and disagreement.

Source: http://tea.texas.gov/curriculum/teks/
§111.17. MATHEMATICS, GRADE 5
(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 positive rational numbers and understand relationships as related to place value.

(3) **Number and operations.** The student applies mathematical process standards to develop and use strategies and methods for positive rational number computations in order to solve problems with efficiency and accuracy.

(7) **Geometry and measurement.** The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving measurement. The student is expected to solve problems by calculating conversions within a measurement system, customary or metric.

(8) **Geometry and measurement.** The student applies mathematical process standards to identify locations on a coordinate plane.

(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/
§112.16. SCIENCE, GRADE 5
(b) KNOWLEDGE AND SKILLS

STANDARD AND CONTENT

(2) Scientific investigation and reasoning. The student uses scientific methods during laboratory and outdoor investigations.

(3) Scientific investigation and reasoning. The student uses critical thinking and scientific problem solving to make informed decisions.

(5) Matter and energy. The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.

(6) Force, motion, and energy. The student knows that energy occurs in many forms and can be observed in cycles, patterns, and systems.

(7) Earth and space. The student knows Earth’s surface is constantly changing and consists of useful resources.

(9) Organisms and environments. The student knows that there are relationships, systems, and cycles within environments.

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