

FIRST NINE WEEKS MASTERY GUIDE

EIGHTH GRADE

READING	WRITING	LANGUAGE	MATH	SCIENCE	SOCIAL STUDIES
~ Oral reading ~ Decoding strategies -- <i>Base/root words</i> -- <i>Affixes</i> -- <i>Multiple meaning words</i> ~ Vocabulary -- <i>Analyze word meanings and build vocabulary</i> -- <i>Analogies</i> -- <i>Use of synonyms, homonyms, and multiple meaning words to build vocabulary</i> ~ Pre reading strategies -- <i>Analyze significant words</i> -- <i>Make predictions</i> ~ Read daily/ independently ~ Keep reading log ~ Comprehension skills -- <i>Sequencing</i> -- <i>Main idea</i> -- <i>Character analysis</i> -- <i>Cause/ effect</i> -- <i>Fact/ opinion</i> -- <i>Author's purpose</i> -- <i>Figurative language</i> -- <i>Themes</i> -- <i>Author's point of view</i> ~ Plot ~ Recognize literary genres -- <i>Compare/ contrast types of text</i> -- <i>Text questions (sidebars, questions, footnotes, endnotes)</i> ~ Sound of language ~ Rhyme	~ Use strategies for prewriting ~ Write for a variety of audiences and purposes ~ Introduce Tennessee State Assessment Guide Rubric ~ Write in the expository mode -- <i>State thesis</i> -- <i>Use supporting details</i> -- <i>Appropriate title</i> -- <i>Strong introduction and conclusion</i>	~ Prepositions ~ Nouns -- <i>Predicate</i> -- <i>Appositives</i> ~ Verbs -- <i>Subject/ verb agreement</i> -- <i>Object verbs</i> -- <i>Linking verbs</i> -- <i>Verb phrases</i> -- <i>Verb tense</i> -- <i>Regular/ irregular verbs</i> -- <i>Active and passive voice</i> -- <i>Subjunctive mood</i> ~ Gerund, participle, infinitive phrases (intro) SPELLING ~ Recognize misspelled words in context ~ Spell high frequency words ~ Spell words appropriate to grade level ~ Spell content specific vocabulary	~ Place Value ~ Square Root ~ Relationships within number systems ~ Opposites, reciprocals, integers ~ Working with integers ~ Number theory ~ Properties of addition & multiplication ~ Order of operations ~ Inverse operations ~ Numeration -- <i>Exponents</i> -- <i>Scientific Notation</i> -- <i>Fractions, decimals and percents</i> -- <i>Appropriate use of math symbols (<, >, =, etc.)</i> ~ Numbers and operations Computations with: -- <i>Whole numbers</i> -- <i>Fractions</i> -- <i>Decimals</i> -- <i>Percents</i> -- <i>Integers</i> -- <i>Estimate with rational numbers</i> -- <i>Solve multi-step problems using: (whole numbers, fractions, decimals, percents)</i> ~ Algebra -- <i>Equations (one step, two step)</i> -- <i>Algebraic expressions</i> -- <i>Inequalities</i>	~ Biomes ~ Heredity -- <i>Dominant, Recessive traits</i> -- <i>Punnett Squares</i> -- <i>Genotype and Phenotype</i> -- <i>DNA, Genes, chromosomes</i> -- <i>Meiosis</i> ~ Careers related to biotechnology ~ Classification Systems ~ Dichotomous keys ~ Scientific Method	~ History (Era I) -- <i>Ancient civilizations in America</i> -- <i>Religion during exploration</i> -- <i>Exploration's impact on Native Americans</i> -- <i>Origins of early explorers</i> -- <i>Limits on freedom in Colonial America</i> (Era II) -- <i>Contributions of philosophers</i> -- <i>English, French & Spanish settlements</i> -- <i>Growth of Representative government</i> -- <i>Economic systems of Northern and Southern colonies</i> -- <i>Economic systems</i> ~ Religion -- <i>Define religion</i> -- <i>Describe beliefs of major religions in America</i> ~ Contributions of various cultures ~ Locate countries/ region: related to North America ~ Routes of exploration and trade

This guide indicates when each Tennessee State Standard will be assessed for mastery.

These standards may be introduced earlier and will be reinforced throughout the year.