

Table of Contents

Suggestions for the Day of the Exam	5
Multiple Choice Test Taking Strategies	6
Strategies for the TExES.....	7
The TExES Exams: General Information.....	9
Learner-Centered Proficiencies	10
Cooperative Learning.....	11
Bloom’s Taxonomy of Levels of Thinking	12
Abbreviations and their Meanings.....	13
Code of Ethics and Standard Practices for Texas Educators	14
Field 191: Generalist EC-6 Test Framework	16
Discussion of Competencies	22
Domain I – English Language Arts and Reading	
Competency 001 (Oral Language).....	22
Readiness Problems and Possible Corrections	23
Early Literacy Development	29
Competency 002 (Phonological and Phonemic Awareness.....	32
Competency 003 (Alphabetic Principle	34
Informal and Formal Assessments.....	35
Competency 004 (Literacy Development).....	35
Literacy Development.....	37
Newbery Medal Winners	38
Caldecott Medal Winners	40
Competency 005 (Word Analysis and Identification Skills)	42
Competency 006 (Reading Fluency)	46
Competency 007 (Reading Comprehension and Applications).....	48
Competency 008 (Reading, Inquiry, and Research)	52
Competency 009 (Writing Conventions)	53
Writing Development.....	53
Spelling Development.....	54
Teaching Pencil Grip	55
Competency 010 (Written Communication).....	58
Prewriting Strategies	58
Writing Process Steps	59
Competency 011 (Viewing and Representing).....	59
Viewing and Presenting Functions	60
Viewing and Presenting Processes.....	61
Competency 012 (Assessment of Developing Literacy)	63
Performance Based Assessment	63
Authentic Assessment.....	63
Individual Reading Inventory	66
Domain II – Mathematics	
Competency 013 (Mathematics Instruction).....	68
Formal and Informal Assessments.....	70
Formative and Summative Evaluation.....	71
Competency 014 (Number Concepts and Operations)	71
Competency 015 (Patterns and Algebra)	75

Competency 016 (Geometry and Measurement)	76
Competency 017 (Probability and Statistics).....	81
Competency 018 (Mathematical Processes)	83
Formal and Informal Reasoning	83

Domain III – Social Studies

Competency 019 (Social Science Instruction).....	86
Competency 020 (History).....	89
Early Native Americans in Texas	89
Westward Expansion	93
Online Lesson Plans.....	95
Online Activities	95
American Civil War	95
Abolitionism	96
Women’s Suffrage	97
Competency 021 (Geography and Culture)	97
Competency 022 (Economics) `	112
Competency 023 (Government and Citizenship).....	104
U.S. Political System	106
U.S. Constitution.....	107
Rights and Responsibilities of Citizenship	110

Domain IV – Science

Competency 024 (Safe and Proper Laboratory Processes).....	111
Competency 025 (Scientific Inquiry).....	116
Competency 026 (Impact on Daily Life / Environment)	130
Competency 027 (Unifying Concepts and Processes in Science)	124
Competency 028 (Theory and Practice of Science Teaching).....	127
Competency 029 (Assessments in Science Learning)	130
Competency 030 (Physical Science – Forces and Motion)	132
Competency 031 (Physical Science – Physical and Chemical Properties).....	133
Competency 032 (Physical Science – Matter and Energy).....	136
Competency 033 (Physical Science – Transformations and Conservation of Matter and Energy)	
.....	141
Competency 034 (Life Science – Living Things).....	142
Competency 035 (Life Science – Reproduction and Mechanisms of Heredity)	145
Competency 036 (life Science – Adaptations of Organisms and Theory of Evolution)	146
Competency 037 (Life Science – Relationships Between Organisms and the Environment)	
.....	147
Competency 038 (Earth and Space Science – Structure and Function of Earth Systems)	149
Competency 039 (Earth and Space Science – Cycles in Earth Systems)	152
Competency 040 (Earth and Space Science – Weather and Climate)	154
Competency 041 (Earth and Space Science – Solar System and the Universe	155

Domain V – Fine Arts, Health, and Physical Education

Competency 042 (Visual Arts)	156
Competency 043 – (Music).....	158
Competency 044 (Health)	159
Competency 045 (Physical Education	161

Practice Questions.....	164
Answer Key	173
General Definitions of Educational Terms	174
References.....	181
Vocabulary Cards.....	183
Discussion Questions	187