

## Table of Contents

Suggestions for the Day of the Exam .....	5
Multiple Choice Test Taking Strategies .....	6
Strategies for the TEExES .....	7
The TEExES 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 192: Bilingual Generalist EC-6 Volume II Test Framework .....	16
Discussion of Competencies .....	22
<b>Domain II – English Language Arts and Reading</b>	
Competency 5 (Oral Language).....	22
Readiness Problems and Possible Corrections .....	23
Early Literacy Development.....	29
Competency 6 (Phonological and Phonemic Awareness).....	32
Competency 7 (Alphabetic Principle).....	34
Informal and Formal Assessments.....	35
Competency 8 (Literacy Development).....	35
Literacy Development .....	37
Newbery Medal Winners.....	38
Caldecott Medal Winners .....	40
Competency 9 (Word Analysis and Identification Skills) .....	42
Competency 10 (Reading Fluency) .....	46
Competency 11 (Reading Comprehension and Applications).....	48
Competency 12 (Reading, Inquiry, and Research) .....	52
Competency 13 (Writing Conventions).....	53
Writing Development .....	53
Spelling Development .....	54
Teaching Pencil Grip.....	55
Competency 14 (Written Communication).....	58
Prewriting Strategies.....	58
Writing Process Steps .....	59
Competency 15 (Viewing and Representing).....	59
Viewing and Presenting Functions .....	60
Viewing and Presenting Processes .....	61
Competency 16 (Assessment of Developing Literacy).....	63
Performance Based Assessment .....	63
Authentic Assessment.....	63
Individual Reading Inventory .....	66
<b>Domain III – Mathematics</b>	
Competency 17 (Mathematics Instruction).....	68
Formal and Informal Assessments.....	70
Formative and Summative Evaluation.....	71
Competency 18 (Number Concepts and Operations) .....	71
Competency 19 (Patterns and Algebra) .....	75
Competency 20 (Geometry and Measurement) .....	76
Competency 21 (Probability and Statistics).....	81
Competency 22 (Mathematical Processes) .....	83
Formal and Informal Reasoning .....	83

**Domain IV – Social Studies**

Competency 23 (Social Science Instruction).....	86
Competency 24 (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 25 (Geography and Culture).....	97
Competency 26 (Economics) ` .....	112
Competency 27 (Government and Citizenship).....	104
U.S. Political System .....	106
U.S. Constitution .....	107
Rights and Responsibilities of Citizenship .....	110

**Domain V – Science**

Competency 28 (Safe and Proper Laboratory Processes).....	111
Competency 29 (Scientific Inquiry) .....	116
Competency 30 (Impact on Daily Life / Environment) .....	130
Competency 31 (Unifying Concepts and Processes in Science).....	124
Competency 32 (Theory and Practice of Science Teaching).....	127
Competency 33 (Assessments in Science Learning) .....	130
Competency 34 ( Physical Science – Forces and Motion).....	132
Competency 35 (Physical Science – Physical and Chemical Properties) .....	133
Competency 36 (Physical Science – Matter and Energy).....	136
Competency 37 (Physical Science – Transformations and Conservation of Matter and Energy) .....	141
Competency 38 (Life Science – Living Things).....	142
Competency 39 (Life Science – Reproduction and Mechanisms of Heredity).....	145
Competency 40 (Life Science – Adaptations of Organisms and Theory of Evolution).....	146
Competency 41 (Life Science – Relationships Between Organisms and the Environment) .....	147
Competency 42 (Earth and Space Science – Structure and Function of Earth Systems).....	149
Competency 43 (Earth and Space Science – Cycles in Earth Systems).....	152
Competency 44 (Earth and Space Science – Weather and Climate).....	154
Competency 45 (Earth and Space Science – Solar System and the Universe.....	155

**Domain VI– Fine Arts, Health, and Physical Education**

Competency 46 (Visual Arts) .....	156
Competency 47 (Music) .....	158
Competency 48 (Health).....	159
Competency 49 (Physical Education) .....	161

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