

CORRELATION**Eighth Grade**ACTIVITIES OF *THE WATERSOURCE BOOK* TO THE TEXAS ESSENTIAL KNOWLEDGE AND SKILLS

CHAPTER 1 INTRODUCTION TO WATER		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/ SKILL
<i>Transpiration in Plants, pg 1-1</i>	Chapter 111.24, Mathematics Chapter 112.24 Science	111.24.8.1(A),(B) Number, operation, and quantitative reasoning
		111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.12(A),(C), Probability and statistics
		111.24.8.13(A),(B) Probability and statistics
		111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
		112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
<i>Design and Construct a Terrarium, pg 1-7</i>	Chapter 112.24 Science	112.24.8.3.(A),(C) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.9(A) Scientific concepts
		112.24.8.11(A) Science concepts
		112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.4(A) Scientific processes

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ACTIVITY	TEKS CHAPTER	KNOWLEDGE/ SKILL
<i>Design and Construct a Terrarium, pg 1-7(con't)</i>	Chapter 112.24, Science (con't)	112.24.8.5(A),(B),(C) Scientific processes 112.24.8.6(C) Science concepts 112.24.8.11(A) Science concepts
<i>Aquatic Foods, pg 1-11</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.6(C)(A) Science concepts
	Chapter 113.24 Social Studies	113.24.8.11(A),(B),(C) Geography 113.24.8.12(B),(C) Geography 113.24.8.28(C) Science, technology, and society 113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills 113.24.8.30(A),(B),(C),(D) Social studies skills 113.24.8.31(A),(B) Social studies skills
	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information 115.24.6(B) Influencing factors 115.24.8(A) Influencing factors
<i>On Your Mark, Get Set, Evaporate, pg 1-15</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(A),(C) Scientific processes

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<i>On Your Mark, Get Set, Evaporate, pg 1-15(con't)</i>	Chapter 112.24, Science (con't)	112.24.8.4.(A),(B) Science concepts 112.24.8.9(A) Science concepts
<i>Environmental Vehicle Plate Messages, pg 1-19</i>	No application	
<i>Nutrients and Water Quality, pg 1-23</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(A),(C),(D) Scientific processes 112.24.8.4(A) Scientific processes 112.24.8.6(C) Science concepts 112.24.8.9(A) Science concepts 112.24.8.11(A) Science concepts 112.24.8.12(C) Science concepts 112.24.8.14(C) Science concepts
	Chapter 113.24 Social Studies	113.24.8.12(B),(C) Geography 113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills 113.24.8.30(A),(B),(C),(D) Social studies skills 113.24.8.31(A),(B) Social studies skills
<i>Water Resource Problems: Too Little Water, pg 1-27</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes

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<i>Water Resource Problems: Too Little Water, pg 1-27 (con't)</i>	Chapter 112.34, Science (con't)	112.24.8.3(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.5(A),(B),(C) Scientific processes
		112.24.8.11(A) Science concepts
		112.24.8.12(C) Science concepts
	Chapter 113.24 Social Studies	112.24.8.14(A) Science concepts
		113.24.8.11(A),(B),(C) Geography
		113.24.8.12(B),(C) Geography
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
<i>Water Resource Problems: Too Much Water, pg 1-31</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(C) Scientific processes
		112.24.8.5(A),(B),(C) Scientific processes
		112.24.8.11(A) Science concept
		112.24.8.12(C) Science concept
		112.24.8.14 (A),(B),(C) Science concept

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<i>Water Career Fair,</i> pg 1-37	Chapter 113.24 Social Studies	113.24.8.13(A) Economics
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
<i>Water Evaporation,</i> pg 1-41	Chapter 111.24, Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning
		111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.12(A),(C) Probability and statistics
		111.24.8.13(A),(B) Probability and statistics
		111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(A),(C) Scientific processes

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<i>Water Evaporation, pg 1-41(con't)</i>	Chapter 112.24, Science (con't)	112.24.8.4(A),(B) Scientific processes 112.24.8.9(A) Science concepts 112.24.8.12(B),(C) Science concepts
<i>Home Water Use, pg 1-47</i>	Chapter 111.24, Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning 111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning 111.24.8.4 Patterns, relationships, and algebraic thinking 111.24.8.5(A) Patterns, relationships, and algebraic thinking 111.24.8.11(A),(B),(C) Probability and statistics 111.24.8.12(A),(C) Probability and statistics 111.24.8.13(A),(B) Probability and statistics 111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools 111.24.8.15(A),(B) Underlying processes and mathematical tools 111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(D) Scientific processes

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ACTIVITY	TEKS CHAPTER	KNOWLEDGE/ SKILL
<i>Water Home Use, pg 1-47 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.4(B) Scientific processes 112.24.8.14(C) Science concepts
<i>Water Meter Reader, pg 1-53</i>	Chapter 111.24 Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning 111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning 111.24.8.11(A),(B),(C) Probability and statistics 111.24.8.12(A),(C) Probability and statistics 111.24.8.13(A),(B) Probability and statistics 111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools 111.24.8.15(A),(B) Underlying processes and mathematical tools 111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(D) Scientific processes 112.24.8.4(B) Scientific processes 112.24.8.14(C) Science concepts

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CHAPTER 2-DRINKING AND WASTEWATER TREATMENT		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Contaminant Scavenger Hunt, pg 2-1</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(A),(B),(D) Scientific processes
		112.24.8.9(A) Science concepts
	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information
		115.24.6(B) Influencing factors
<i>Desalination / Freshwater, pg 2-9</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3.(A),(D),(E) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.9(A) Science concepts
		112.24.8.12(C) Science concepts
<i>How Soft or Hard Is Your Water?, pg 2-13</i>	Chapter 111.24 Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning
		111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.14(A),(B),(C),(D)(A),(B) Probability and statistics
		111.24.8.13(A),(B) Probability and statistics

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<i>How Soft or Hard Is Your Water?, pg 2-13 (con't)</i>	Chapter 111.24, Mathematics (con't)	111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(A) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.9(A) Science concept
		112.24.8.14(C) Science concept
		112.24.8.1(A),(B) Scientific processes
<i>How to Treat Polluted Water, pg 2-17</i>	Chapter 112.24 Science	112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(A) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.5(B),(C) Scientific processes
		112.24.8.12(C) Science concept
		112.24.8.14(C)
		115.24.4(A),(B),(C) Health information
	Chapter 115.24 Health Education	115.24.6(B) Influencing factors

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<i>How to Treat Polluted Water, pg 2-17 (con't)</i>	Chapter 115.24 Health Education (con't)	115.24.8(A) Influencing factors
<i>Leaky Faucet, pg 2-21</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(A),(C),(D),(E) Scientific processes 112.24.8.4(A),(B) Scientific processes 112.24.8.14(C) Science concepts
<i>Let's Give Water a Treatment, Pg 2-27</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(A),(C) Scientific processes 112.24.8.4(A) Scientific processes 112.24.8.12(C) Science concept 112.24.8.14(C) Science concept
	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information 115.24.6(B) Influencing factors 115.24.8(A) Influencing factors
<i>Purifying Water, pg 2-31</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(A),(C) Scientific processes 112.24.8.4(A),(B) Scientific processes

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<i>Purifying Water, pg 2-31 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.12(C) Science concept 112.24.8.14(C) Science concept
	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information 115.24.6(B) Influencing factors 115.24.8(A) Influencing factors
<i>Water Treatment Plants, pg 2-35</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.9(A) Science concepts 112.24.8.12(C) Science concepts 112.24.8.14(C) Science concepts
	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information 115.24.6(B) Influencing factors 115.24.8(A) Influencing factors
<i>Purification of Water, pg 2-41</i>	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D),(E) Scientific processes 112.24.8.3(A) Scientific processes 112.24.8.9(A) Science concept 112.24.8.12(C) Science concept 112.24.8.14(C) Science concept

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<i>Purification of Water, pg 2-41(con't)</i>	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information
		115.24.6(B) Influencing factors
		115.24.8(A) Influencing factors
<i>Bacteria in Water, pg 2-47</i>	Chapter 111.23, Mathematics	111.23.8.1(A),(B),(D) Number, operation, and quantitative reasoning
		111.23.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.23.8.11(A),(B),(C) Probability and statistics
		111.23.8.12(A),(C) Probability and statistics
		111.23.8.13(A),(B) Probability and statistics
		111.23.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.23.8.15(A),(B) Underlying processes and mathematical tools
		111.23.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24 Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(A),(C) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.6(C) Science concept
		112.24.8.11(A) Science concept

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<i>Bacteria in Water, pg 2-47 (con't)</i>	Chapter 115.24 Health Education	115.24.3(B),(C) Health information
		115.24.4(A),(B),(C) Health information
		115.24.6(B) Influencing factors
		115.24.8(A) Influencing factors
<i>Indicating Insects, pg 2-55</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D),(E) Scientific processes
		112.24.8.3(A) Scientific processes
		112.24.8.4(A),(B) Science concept
		112.24.8.6(C) Science concept
		112.24.8.11(A) Science concept
<i>Water Pollution Solutions, pg 2-61</i>	Chapter 122.24 Science	112.24.8.3(A),(C),(E) Scientific processes
		112.24.8.11(A) Science concept
		112.24.8.14(C) Science concept

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<i>Bioassessment of Streams, pg 3-1</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.6(C) Science concepts
		112.24.8.11(A) Science concepts
<i>Cleaning Point Source Pollution, pg 3-9</i>	Chapter 111.24, Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning
		111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.24.8.3(A),(B) Patterns, relationships, and algebraic thinking
		111.24.8.4 Patterns, relationships, and algebraic thinking
		111.24.8.5(A) Patterns, relationships, and algebraic thinking
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.14(A),(B),(C),(D)(A),(B) Probability and statistics
		111.24.8.13(A),(B) Probability and statistics
		111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools

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<i>Cleaning Point Source Sollution, pg 3-9 (con't)</i>	Chapter 111.24, Mathematics (con't)	111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.11(A) Science concepts
		112.24.8.12(C) Science concepts
		112.24.8.14(C) Science concepts
	Chapter 113.24 Social Studies	113.24.8.11(B),(C) Geography
		113.24.8.12(B),(C) Geography
<i>Coliform Bacteria and Oysters, pg 3-13</i>	Chapter 111.24 Mathematics	111.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
		111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning
		111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.24.8.3(A),(B) Patterns, relationships, and algebraic thinking
		111.24.8.4 Patterns, relationships, and algebraic thinking

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<i>Coliform Bacteria and Oysters, pg 3-13 (con't)</i>	Chapter 111.24, Mathematics (con't)	111.24.8.5(A) Patterns, relationships, and algebraic thinking
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.14(A),(B),(C),(D)(A),(B) Probability and statistics
		111.24.8.13(A),(B) Probability and statistics
		111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
		112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
<i>Algae Growth, pg 3-19</i>	Chapter 112.24, Science	112.24.8.4(A),(B) Scientific processes
		112.24.8.6(A) Science concepts
		112.24.8.11(B) Science concepts
		112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes

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<i>Algae Growth, pg 3-19 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.6(A) Science concepts
		112.24.8.11(B) Science concepts
<i>Small Frye, pg 3-25</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.6(C) Science concepts
		112.24.8.11(A) Science concepts
<i>Surface Freezing, pg 3-31</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.11(A) Science concepts
<i>Surface Tension, pg 3-35</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A) Scientific processes
<i>Runoff, pg 3-39</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes

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<i>Runoff, pg 3-39 (con't)</i>	Chapter 112.34, Science (con't)	112.24.8.3(A),(C),(D) Scientific processes 112.24.8.4(A) Scientific processes 112.24.8.7(A) Science concepts 112.24.8.14(A),(C) Science concepts
<i>The Shrinking Antacid, pg 3-43</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D) Scientific processes 112.24.8.3(A),(C),(D) Scientific processes 112.24.8.4(A),(B) Scientific processes 112.24.8.9(A) Science concepts 112.24.8.11(A) Science concepts
<i>Using Topographic Maps and Data Tables to Determine Surface Water Quality, pg 3-47</i>	Chapter 112.24, Science Chapter 113.24 Social Studies	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D) Scientific processes 112.24.8.3(A),(C),(D) Scientific processes 112.24.8.4(A),(B) Scientific processes 113.24.8.10(A),(B) Geography 113.24.8.11(B),(C) Geography 113.24.8.12(B),(C) Geography

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<i>Using Topographic Maps and Data Tables to Determine Surface Water Quality, pg 3-47 (con't)</i>	Chapter 113.24, Social Studies (con't)	113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
<i>Whipped Top Water, pg 3-51</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(B) Scientific processes
		112.24.8.4(B) Scientific processes
		112.24.8.14(C) Science concepts
<i>Xeriscape—Water - Wise Landscaping, pg 3-55</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C) Scientific processes
		112.24.8.5(B) Science processes
		112.24.8.11(A) Science concepts
		112.24.8.12(C) Science concepts
		112.24.8.14(A),(C) Science concepts

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CHAPTER 4- GROUNDWATER RESOURCES		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Disposal of Old Paint, pg 4-1</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(B),(C),(D) Scientific processes
		112.24.8.11(A) Science concepts
		112.24.8.14(C) Science concepts
	Chapter 117.40 Fine Arts Theater	117.40.8.1(A),(B),(C),(D),(E),(F) Perception
		117.40.8.2(A),(B) Creative expression/performance
		117.40.8.3(A),(B),(C) Creative expression/performance
		112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
<i>Contamination of Groundwater, pg 4-5</i>	Chapter 112.24, Science	112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.5(B),(C) Science concepts
		112.24.8.14(A),(C) Science concepts
		113.24.8.11(A),(B),(C) Geography
		113.24.8.12(B),(C) Geography
	Chapter 113.24 Social Studies	113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills

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CHAPTER 4- GROUNDWATER RESOURCES		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Contamination of Groundwater, pg 4-5 (con't)</i>	Chapter 113.24 Social Studies (con't)	113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
<i>Groundwater, pg 4-9</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.6(C) Science concepts
		112.24.8.12(C) Scientific processes
		112.24.8.14(A),(C) Science concepts
<i>Invisible Water, pg 4-15</i>	Chapter 111.24, Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning
		111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning
		111.24.8.3(A),(B) Patterns, relationships, and algebraic thinking
		111.24.8.4 Patterns, relationships, and algebraic thinking
		111.24.8.5(A) Patterns, relationships, and algebraic thinking
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.12(A),(C) Probability and statistics
		111.24.8.13(A),(B) Probability and statistics

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CHAPTER 4- GROUNDWATER RESOURCES		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Invisible Water pg 4-15 (con't)</i>	Chapter 111.24, Mathematics (con't)	111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.14(C) Science concepts
<i>Percolation, pg 4-19</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.11(A) Scientific processes
		112.24.8.14(C) Science concepts
<i>Porosity? Permeability?, pg 4-23</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes

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CHAPTER 4- GROUNDWATER RESOURCES		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Porosity? Permeability?, Pg 4-23, (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.11(A) Scientific processes 112.24.8.14(A),(C) Science concepts
<i>Aquifers and Recharge Areas, pg 4-27</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D) Scientific processes 112.24.8.3(A),(C),(D) Scientific processes 112.24.8.4(A),(B) Scientific processes 112.24.8.5(B),(C) Scientific processes 112.24.8.6(C) Science concepts 112.24.8.14(C) Science concepts
	Chapter 113.24 Social Studies	113.24.8.11(B),(C) Geography 113.24.8.12(B),(C) Geography 113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills 113.24.8.30(A),(B),(C),(D) Social studies skills 113.24.8.31(A),(B) Social studies skills
<i>Water-Through and Through, pg 4-37</i>	Chapter 111.24, Mathematics	111.24.8.1(A),(B),(D) Number, operation, and quantitative reasoning 111.24.8.2(A),(B),(C) Number, operation, and quantitative reasoning 111.24.8.4(A),(C) Probability and statistics 111.24.8.13(A),(B) Probability and statistics

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ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Water-Through and Through pg 4-37 (con't)</i>	Chapter 111.24, Mathematics (con't)	111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.14(A) Science concepts
<i>Rain and Leaching, pg 4-41</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.5(B),(C) Scientific processes
		112.24.8.9(A) Scientific processes
		112.24.8.14(B),(C) Science concepts

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CHAPTER 4- GROUNDWATER RESOURCES		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Making Drinking Water, pg 4-45</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.11(A) Scientific processes
	Chapter 115.24 Health Education	112.24.8.14(C) Science concepts
		115.24.4(A),(B),(C) Health information
		115.24.6(B) Influencing factors
		115.24.8(A) Influencing factors
<i>Recharge and Discharge of Groundwater, pg 4-51</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.12(B) Scientific processes
		112.24.8.14(C) Science concepts
<i>Rural Waste Water, pg 4-57</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes

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CHAPTER 4- GROUNDWATER RESOURCES		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Rural Waste Water, pg 4-57 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.6(C) Scientific processes
		112.24.8.14(C) Science concepts
	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information
		115.24.6(B) Influencing factors
		215.24.8(A) Influencing factor

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CHAPTER 5- WETLANDS AND COASTAL WATERWAYS		
ACTIVITY	TEKS CHAPTER	KNOWLEDGE/SKILL
<i>Dilution and Pollution, pg 5-1</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.9(A) Science concepts
		112.24.8.11(A) Science concepts
		112.24.8.14(B) Science concepts
		113.24.8.12(B),(C) Geography
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
<i>Cleaning Oil Spills, pg 5-5</i>	Chapter 115.24 Health Education	115.24.4(A),(B),(C) Health information
		115.24.6(B) Influencing factors
		115.24.8(A) Influencing factors
	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes

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<i>Cleaning Oil Spills, pg 5-5 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A) Scientific processes
		112.24.8.9(A) Science concepts
		112.24.8.11(A) Science concepts
	Chapter 113.24 Social Studies	113.24.8.12(B),(C) Geography
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
	Chapter 117.40 Fine Arts Theater	117.40.8.1(A),(B),(C),(D),(E),(F) Perception
		117.40.8.2(A),(B) Creative expression/performance
		117.40.8.3(A),(B),(C) Creative expression/performance
<i>Effects of Lost Salt Marshes, pg 5-11</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
		112.24.8.4(A),(B) Scientific processes
		112.24.8.5(B) Scientific processes
		112.24.8.8(A) Science concepts
		112.24.8.6(C) Science concepts

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<i>Effects of Lost Salt Marshes,</i> <i>pg 5-11 (con't)</i>	Chapter 112.24 Science (con't)	112.24.8.11(A) Science concepts 112.24.8.14(A),(C) Science concepts
<i>Let's Go Fishing!,</i> <i>pg 5-19</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D) Scientific processes 112.24.8.3(A),(C),(D) Scientific processes 112.24.8.4(B) Scientific processes 112.24.8.11(A) Science concepts
<i>Pictures, People, and Pollution, pg 5-25</i>	Chapter 112.24, Science	112.24.8.2(A),(B),(C),(D) Scientific processes 112.24.8.3(A),(B),(C),(D) Scientific processes 112.24.8.11(A) Science concepts 112.24.8.14(C) Science concepts
	Chapter 113.24 Social Studies	113.24.8.11(A),(B),(C) Geography 113.24.8.12(B),(C) Geography 113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills 113.24.8.30(A),(B),(C),(D) Social studies skills 113.24.8.31(A),(B) Social studies skills
<i>Plastic Waste, pg 5-27</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes 112.24.8.2(A),(B),(C),(D) Scientific processes 112.24.8.3(A),(B),(C),(D) Scientific processes

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<i>Plastic Waste, pg 5-27 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.4(B) Scientific processes
<i>Pollution...Pollution... Pollution, pg 5-31</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(C),(D) Scientific processes
<i>Salt Tolerance of Plants, pg 5-35</i>	Chapter 111.24, Mathematics	111.24.8.1(A),(B) Number, operation, and quantitative reasoning
		111.24.8.2(D) Number, operation, and quantitative reasoning
		111.24.8.4(A),(C) Probability and statistics
		111.24.8.13(A),(B) Probability and statistics
		111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
		111.24.8.11(A),(B),(C) Probability and statistics
		111.24.8.4(A),(C) Probability and statistics
		111.24.7.11(B) Probability and statistics

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<i>Salt Tolerance of Plants, pg 5-35 (con't)</i>	Chapter 111.24 Mathematics (con't)	111.24.8.14(A),(B),(C),(D) Underlying processes and mathematical tools
		111.24.8.15(A),(B) Underlying processes and mathematical tools
		111.24.8.16(A),(B) Underlying processes and mathematical tools
	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(B),(C),(D) Scientific processes
		112.24.8.4(B) Scientific processes
		112.24.8.6(C) Scientific concepts
		112.24.8.11(A) Science concepts
	Chapter 113.24 Social Studies	113.24.8.11(B),(C) Geography
		113.24.8.12(B),(C)
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
<i>Wave Actions, pg 5-45</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(B),(C),(D) Scientific processes
		112.24.8.4(B) Scientific processes

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<i>Wave Actions, pg 5-45 (con't)</i>	Chapter 112.24, Science (con't)	112.24.8.12(B) Science concepts
		112.24.8.14(B) Science concepts
	Chapter 113.24 Social Studies	113.24.8.12(B),(C) Geography
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
	Chapter 112.24, Science	112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(B),(C),(D) Scientific processes
		113.24.8.12(B),(C) Geography
		113.24.8.22(A),(B) Citizenship
		113.24.8.29 (A),(B),(C),(D),(E),(F),(G),(H) Social studies skills
		113.24.8.30(A),(B),(C),(D) Social studies skills
		113.24.8.31(A),(B) Social studies skills
	Chapter 117.40 Fine Arts Theater	117.40.8.1(A),(B),(C),(D),(E),(F) Perception
		117.40.8.2(A),(B) Creative expression/performance
		117.40.8.3(A),(B),(C) Creative expression/performance

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<i>Water Filtration, pg 5-57</i>	Chapter 112.24, Science	112.24.8.1(A),(B) Scientific processes
		112.24.8.2(A),(B),(C),(D) Scientific processes
		112.24.8.3(A),(B),(C),(D) Scientific processes
		112.24.8.4(B) Scientific processes