



## Pacing Guide – 4<sup>th</sup> Grade Harcourt Science

Grading Period	Grade Level Indicators	Topics	Harcourt Science References
<b>Grading Period 1</b>	SI 1,3 SWOK 2 ST 2,3	Tools for Inquiry <b>Getting Prepared</b> <b>Lesson 1</b> pp. 2-9	TE: 2-9 RS: ESL: LM: 13-15 TRANS: DI1, IS1, RS1
	SI 1,2,3,4,5,6 SWOK 1	Inquiry Skills <b>Getting Prepared</b> <b>Lesson 2</b> pp. 10-17	TE: 10-17 RS: ESL: LM: 16-18 TRANS: DI2, IS2, RS2, GO2
	SI 3,4,6 ST 3	Scientific Method <b>Getting Prepared</b> <b>Lesson 3</b> pp. 18-23	TE: 18-23 RS: ESL: LM: 19-20 TRANS: DI3, IS3, RS3, GO3 ASM: AGxxv-AGxxvii
		<b>Unit B</b> Life Sciences pp. 110-111b	TE: 110-111b RS: ESL: LM: 47-50 TRANS:
	SI 12 SWOK 3 LS 3	<b>Chapter 3</b> <b>Lesson 1</b> What are Some Plant Types pp. 114-121	TE: 114-121 RS: RS 23-24 ESL: LM: 51-53 TRANS: DI11, IS11, RS11, GO11
	LS 1 SI 1,6 SWOK 2	<b>Chapter 3</b> <b>Lesson 2</b> How do Plants Grow pp. 122-129	TE: 122-129 RS: RS 25-26 ESL: LM: 54-56 TRANS: DI12, IS12, RS12, GO12
	LS 1,2 SI 1 SWOK 2	<b>Chapter 3</b> <b>Lesson 3</b> How do Plants Reproduce pp. 130-139	TE: 130-139 RS: RS 27-28 ESL: LM: 57-59 TRANS: DI13, IS13, RS13, GO13



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Grading Period 1	LS 4 SI 1	<b>Chapter 3 Lesson 4</b> How do the Plants of the Past Compare with Those of Today pp. 140-147	TE: 140-147 RS: RS 29-30 ESL: LM: 60-62 TRANS: DI14, IS14, RS14, GO14
	ST 1,2	<b>Chapter 3 Science Spin- Weekly Reader</b> pp. 148-151	TE: 148-151 RS: ESL: LM: TRANS:
		<b>Chapter 3 Reading Support</b> <i>B- Plants</i> <i>O – Plants and How They Grow</i> <i>A – The Life of an Oak Tree</i>	TE: 112C RS: ESL: LM: TRANS:
	LS 1,2,3,4	<b>Chapter 3 Test Preparation</b> pp. 152-153	TE: 152-153 RS: ESL: LM: TRANS:
		<b>Chapter 3 Test</b> ASM: pp. 19-22	TE: RS: ESL: LM: TRANS: ASM: AG 19-22

**Benchmarks - KEY**

Earth and Space Science – ESS  
Life Science – LS  
Physical Science – PS  
Science and Technology – ST  
Scientific Inquiry – SI  
Scientific Ways of Knowing – SWOK

**Harcourt Key**

Teacher's Edition - TE  
Reading Support and Homework - RS  
English as a Second Language - ESL  
Lab Manual - LM  
Transparencias - TRANS  
Assessment Guide - ASM



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<b>Grading Period 2</b>	SI 3,4,5 LS 5	<b>Chapter 4 Lesson 1</b> What are the Parts of an Ecosystem pp.156-163	TE: 156-163 RS: RS 33-34 ESL: LM: 63-65 TRANS: DI15, IS15, RS15, GO15
	SI 2,3 SWOK 2 LS 5	<b>Chapter 4 Lesson 2</b> What Factors Influence Ecosystems pp. 164-173	TE: 164-173 RS: RS 35-36 ESL: LM: 66-68 TRANS: DI16, IS16, RS16, GO16
	SI 3,4 LS 5	<b>Chapter 4 Lesson 3</b> What are the Roles of Living Things pp. 174-181	TE: 174-181 RS: RS 37-38 ESL: LM: 69-71 TRANS: DI17, IS17, RS17, GO17
	SI 2 LS 5	<b>Chapter 4 Lesson 4</b> How do Living Things Get Energy pp. 182-191	TE: 182-191 RS: RS 39-40 ESL: LM: 72-74 TRANS: DI18, IS18, RS18, GO1
	ST 1,2	<b>Chapter 4 Science Spin</b> Weekly Reader pp. 192-195	TE: 192-195 RS: ESL: LM: TRANS:
		<b>Chapter 4 Reading Support</b> B- Understanding Ecosystems O- Ecosystem Energy A- The Journey Home	TE: 154 C RS: ESL: LM: TRANS:
	LS 5	<b>Chapter 4 Test Preparation</b> pp. 196-197	TE: 196-197 RS: ESL: LM: TRANS:
		<b>Chapter 4 Test</b> ASM: p. 25-28	TE: RS: ESL: LM: TRANS: ASM: AG 25-28
		<b>Unit A</b> Earth and Space Sciences pp. 26-29	TE: 26-29 RS: ESL: LM: 22-25 TRANS:

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Grading Period 2	ESS 2,3 SI 2,3 SWOK 2 PS 1,4	<b>Chapter 1 Lesson 1</b> What is the Water Cycle? pp. 30-37	TE: 30-37 RS: RS 5-6 ESL: LM: 26-28 TRANS: DI4, IS4, RS4, GO4
	ESS 2,3,4 SI 1,2 SWOK 2 PS 1,4	<b>Chapter 1 Lesson 2</b> How is the Water Cycle Related to Weather? pp. 38-45	TE: 38-45 RS: RS 7-8 ESL: LM: 29-31 TRANS: DI5, IS5, RS5, GO5
	ESS 2,4,6 SI 2,3,4 SWOK 2	<b>Chapter 1 Lesson 3</b> How do Land Features Affect the Water Cycle pp. 46-51	TE: 46-51 RS: RS 9-10 ESL: LM: 32-34 TRANS: DI6, IS6, RS6, GO6
	ES 1,4,5,6,7 SI 2 SWOK 2	<b>Chapter 1 Lesson 4</b> How Can Weather be Predicted pp. 52-61	TE: 52-61 RS: RS 11-12 ESL: LM: 35-37 TRANS: DI7, IS7, RS7, GO7
	ESS 4,5,6 ST 1 SI 1,3	<b>Chapter 1 Science Spin – Weekly Reader</b> pp. 62-67	TE: 62-67 RS: ESL: LM: TRANS:
		<b>Chapter 1 Reading Support</b> B- <i>The Water Cycle</i> O- <i>More About Weather and Water</i> A – <i>Extreme Weather</i>	TE: 28C RS: ESL: LM: TRANS:
	ESS 2,3,4,6,7	<b>Chapter 1 Test Preparation</b> pp. 66-67	TE: 66-67 RS: ESL: LM: TRANS:
		<b>Chapter 1 Test</b> ASM: p. 1-6	TE: RS: ESL: LM: TRANS: ASM: AG 1-6

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Grading Period	Grade Level Indicators	Topics	Harcourt Science References
<b>Grading Period 3</b>	ESS 8, 10 SI 2, 3	<b>Chapter 2 Lesson 1</b> What are Some of Earth's Landforms? pp. 70 - 77	TE: 70 - 77 RS: RS 15 - 16 ESL: LM: LM 38 - 40 TRANS: DI 8, IS 8
	ESS 8, 9, 10 SI 2, 3	<b>Chapter 2 Lesson 2</b> What Causes Changes to Earth's Landforms? pp. 78 - 87	TE: 78 - 87 RS :RS 17 - 18 ESL: LM: LM 41 - 43 TRANS: DI 9, IS9, RS 9, GO 9
	LS 4 SI 2, 3	<b>Chapter 2 Lesson 3</b> What are Fossils? pp. 88 - 95	TE: 88 - 95 RS: RS 19 - 20 ESL: LM: LM 44 - 46 TRANS:DI 10, IS 10, RS 10, GO10
	ESS 10 SI 2	<b>Chapter 2 Science Spin – Weekly Reader</b> pp. 96-99	TE: 96-99 RS: ESL: LM: TRANS:
		<b>Chapter 2 Reading Support</b> <i>B- Changes to Earth's Surface</i> <i>O – The Ground Beneath Your Feet</i> <i>A – Where Am I?</i>	TE: 68C RS: ESL: LM: TRANS:
	ESS 8, 10 SI 2, 5	<b>Chapter 2 Test Preparation</b> pp. 100 – 101	TE: 100 - 101 RS: ESL: LM: TRANS:
		<b>Chapter 2 Test</b> AG 7 -12	TE: RS: ESL: LM: TRANS: ASM: AG 7 – 12
		<b>Unit C</b> Physical Science pp. 206-208b	TE: 206-208b RS: ESL: LM: 75-78 TRANS:

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<b>Grading Period 3</b>	SI 2 SWOK 2 PS 3	<b>Chapter 5 Lesson 1</b> How Can Physical Properties be used to Identify Matter pp. 210-217	TE: 210-217 RS: RS 43-44 ESL: LM: 79-81 TRANS: DI19, IS19, RS19, GO19
	SI 1,2 SWOK 2 PS 4	<b>Chapter 5 Lesson 2</b> How Does Matter Change States pp. 218-225	TE: 218-225 RS: RS 45-46 ESL: LM: 82-84 TRANS: DI20, IS20, RS20, GO20
	SI 2,3 SWOK 2 PS 1,3	<b>Chapter 5 Lesson 3</b> What are Mixtures and Solutions pp. 226-233	TE: 226-233 RS: RS 47-48 ESL: LM: 85-87 TRANS: DI21, IS21, RS21, GO21
	ST 1,2	<b>Chapter 5 Science Spin</b> Weekly Reader pp. 234-237	TE: 234-237 RS: ESL: LM: TRANS:
		<b>Chapter 5 Reading Support</b> <i>B- Matter and its Properties</i> <i>O- Properties of Matter</i> <i>A- Recycle, Reuse</i>	TE: 208C RS: ESL: LM: TRANS:
	PS 3,4	<b>Chapter 5 Test Preparation</b> pp. 238-239	TE: 238-239 RS: ESL: LM: TRANS:
		<b>Chapter 5 Test</b> ASM. p. 37-40	TE: RS: ESL: LM: TRANS: ASM: AG 37-40

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<b>Grading Period 4</b>	SI 4 SWOK2 PS 3	<b>Chapter 6 Lesson 1</b> What is Matter Made Of pp. 242-251	TE: 242-251 RS: RS 51-52 ESL: LM: 88-90 TRANS: DI22, IS22, RS22, GO22
	SWOK 2 PS 1,4	<b>Chapter 6 Lesson 2</b> What are Physical Changes in Matter pp. 252-259	TE: 252-259 RS: RS 53-54 ESL: LM: 91-93 TRANS: DI23, IS23, RS23, GO23
	SI 1,4 SWOK 2 PS 2,3	<b>Chapter 6 Lesson 3</b> How Does Matter React Chemically pp. 260-267	TE: 260-267 RS: RS 55-56 ESL: LM: 94-96 TRANS: DI24, IS24, RS24, GO24
	SI 1,2 ST 1,2 PS 2	<b>Chapter 6 Science Spin</b> Weekly Reader pp. 268-271	TE: 268-271 RS: ESL: LM: TRANS:
		<b>Chapter 6 Reading Support</b> <i>B-Changes in Matter</i> <i>O- Changing Matter</i> <i>A- Detecting Acids and Bases</i>	TE: 240C RS: ESL: LM: TRANS:
	PS 1,2,3,4	<b>Chapter 6 Test Preparation</b> pp. 272-273	TE: 272-273 RS: ESL: LM: TRANS:
		<b>Chapter 6 Test</b> pp. 298 - 299	TE: 298 – 299 RS: ESL: LM: TRANS:

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