**Options for Instruction:** Two parallel paths meet the unit objectives, with a strong inquiry strand woven into each. Follow the Print Path, the Digital Path, or your customized combination of print, digital, and inquiry.

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# Unit 1: Interactions of Living Things

SE = 5	Pacing GuideSE = Student Edition Interactive WorktextTE = Teacher Edition					
Days	Activity Type	Print	Digital			
Unit 1 Op Lesson 1:	ener Introduction	to Ecology				
1.2 dava	Big Idea	SE, pp. 1–3; *TE, pp. 10–11				
T-2 Uays	Lesson	SE, pp. 4–13; *TE, pp. 20–24	Screens 1–10			
1 day	Virtual Lab		Screens 1–13			
1 dov	Review	SE, pp. 14–15; *TE, p. 25				
Т бау	Assessment		<sup>◊</sup> Lesson 1 Quiz			
(Optional)	Enrichment	People in Science, SE, pp. 16–17; *TE, pp. 26–27				
(Optional)	Labs		<ul> <li><sup>†</sup> Quick Lab: Which Abiotic and Biotic Factors Are Found in an Ecosystem?</li> <li><sup>†</sup> Quick Lab: Which Biome?</li> <li><sup>†</sup> Field Lab: What's in an Ecosystem?</li> </ul>			

Lesson 2:	Lesson 2: Roles in Energy Transfer				
1-2 days	Lesson	SE, pp. 18–27; *TE, pp. 36–40	Screens 1–10		
	Review	SE, pp. 28–29; *TE, p. 41			
гау	Assessment		<sup>◊</sup> Lesson 2 Quiz		
(Optional)	Labs		<sup>†</sup> Quick Lab: Making Compost <sup>†</sup> Quick Lab: Energy Role Game <sup>†</sup> Field Lab: Food Webs		
Lesson 3:	Population D	ynamics			
1-2 days	Lesson	SE, pp. 30–39; *TE, pp. 50–54	Screens 1–15		
1 dovi	Review	SE, pp. 40–41; *TE, p. 55			
гоау	Assessment		<sup>◊</sup> Lesson 3 Quiz		
(Optional)	Labs		<sup>†</sup> Quick Lab: What Factors Influence a Population Change? <sup>†</sup> Quick Lab: Investigate an Abiotic Limiting Factor <sup>†</sup> Exploration Lab: How Do		
1	Interestions	in Communities	Populations interact?		
Lesson 4:	Interactions		C		
I-2 days	Lesson	SE, pp. 42–49; *TE, pp. 64–67	Screens I-IU		
1 day	Virtual Lab		Screens 1–15		
1 day	Review	SE, pp. 50–51; *TE, p. 68			
Tuay	Assessment		$^{\diamond}$ Lesson 4 Quiz		
(Optional)	Labs		<sup>†</sup> Quick Lab: Prey Coloration <sup>†</sup> Quick Lab: Identifying Predators and Prey <sup>†</sup> Exploration Lab: Modeling the Predator-Prey Cycle		

Unit 1 Review and Assessment				
(Optional)	Video-Based Project		A Trip Down Shark River	
1 day	Review	SE, pp. 54–58; *TE, pp. 70–72	Online Unit Self Quiz	
1 day	Assessment		<sup>◊</sup> Unit 1 Test	

TE: Lesson Level Resources > Lesson Teacher Support > Teacher Edition

<sup>†</sup> Lab Manuals can be accessed through the Online Teacher Digital Management System at the Lesson Level.

Lab Manuals: Lesson Level Resources > Lesson Inquiry Resources > Lab Manuals

<sup>†</sup> Lab Datasheets can be accessed through the online Student Edition at the lesson level. Lab Datasheets: Lesson Level Resources > Lab Datasheet

<sup>6</sup> Online Assessments can be assigned to students through the Online Teacher Digital Management System. After you have assigned a Lesson Quiz or Unit Test, the assignment will appear on your student's account in the Things to Do section. Students can then take the test online, and it will be scored automatically.

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## Unit 2: Earth's Biomes and Ecosystems

SE = 5	Pacing GuideSE = Student Edition Interactive WorktextTE = Teacher Edition						
Days	Activity Type	Print	Digital				
Unit 2 Op Lesson 1:	Unit 2 Opener Lesson 1: Land Biomes						
1 2 days	Big Idea	SE, pp. 59–61; *TE, pp. 84–85					
T-2 Uays	Lesson	SE, pp. 62–71; *TE, pp. 94–98	Screens 1–15				
1	Review	SE, pp. 72–73; *TE, p. 99					
гау	Assessment		<sup>◊</sup> Lesson 1 Quiz				
			<sup>†</sup> Quick Lab: Climate Determines Plant Life				
(Optional)	Labs		<sup>†</sup> Quick Lab: Identify Your Land Biome				
			<sup>†</sup> Field Lab: Survey of a Biome's Biotic and Abiotic Factors				

Lesson 2: Aquatic Ecosystems				
1-2 days	Lesson	SE, pp. 74–83; *TE, pp. 108–112	Screens 1–14	
1 dov	Review	SE, pp. 84–85; *TE, p. 113		
Гаау	Assessment		<sup>◊</sup> Lesson 2 Quiz	
(Optional)	Enrichment	Think Science, SE, pp. 86–87; *TE, pp. 114–115		
(Optional)	Labs		<sup>†</sup> Quick Lab: Life in Moving Water <sup>†</sup> Quick Lab: Light Penetration and Water Clarity	
Lesson 3:	Energy and M	latter in Ecosystems		
1-2 days	Lesson	SE, pp. 88–97; *TE, pp. 124–128	Screens 1–11	
1 day	Virtual Lab		Screens 1–13	
	Review	SE, pp. 98–99; *TE, p. 129		
Гоау	Assessment		<sup>°</sup> Lesson 3 Quiz	
			<sup>†</sup> Quick Lab: Pyramid of Energy	
(Optional)	Labs		<sup>†</sup> Quick Lab: Model the Carbon Cycle	
			<sup>†</sup> Quick Lab: Condensation and Evaporation	

Lesson 4: Changes in Ecosystems					
1-2 days	Lesson	SE, pp. 100–107; *TE, pp. 138– 141	Screens 1–15		
1 day	Virtual Lab		Screens 1–16		
1	Review	SE, pp. 108–109; *TE, p. 142			
гоау	Assessment		<sup>◊</sup> Lesson 4 Quiz		
(Optional)	Enrichment	S.T.E.M., SE, pp. 110–113; *TE, pp. 144–147			
			<sup>†</sup> Quick Lab: Measuring Species Diversity		
(Optional)	Labs		<sup>†</sup> Quick Lab: Modeling Primary and Secondary Succession		
			<sup>†</sup> Field Lab: Predicting How Succession Follows a Human Disturbance		
Lesson 5:	Human Activ	ity and Ecosystems			
1-2 days	Lesson	SE, pp. 114–123; *TE, pp. 156– 160	Screens 1–15		
1 dov	Review	SE, pp. 124–125; *TE, p. 161			
I day	Assessment		$^{\diamond}$ Lesson 5 Quiz		
			<sup>†</sup> Quick Lab: Biodiversity All Around Us		
(Optional)	Labs		<sup>†</sup> Quick Lab: Investigate Acidity of Water		
			<sup>†</sup> Field Lab: Field Investigation of Plant Quantity and Diversity		
Unit 2 Review and Assessment					
(Optional)	Video-Based Project		The Producers of Florida Bay		
1 day	Review	SE, pp. 128–132; *TE, pp. 162– 164	Online Unit Self Quiz		
1 day	Assessment		<sup>◊</sup> Unit 2 Test		

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#### Unit 3: Earth's Resources

SE = 5	Pacing GuideSE = Student Edition Interactive WorktextTE = Teacher Edition						
Days	Activity Type	Print	Digital				
Unit 3 Op Lesson 1:	Unit 3 Opener Lesson 1: Earth's Support of Life						
	Big Idea	SE, pp. 133–135; *TE, pp. 176– 177					
T-Z days	Lesson	SE, pp. 136–143; *TE, pp. 186– 189	Screens 1–12				
1	Review	SE, pp. 144–145; *TE, p. 190					
i day	Assessment		<sup>◊</sup> Lesson 1 Quiz				
(Optional)	Labs		<sup>†</sup> Quick Lab: How Water Forms on Earth's Surface <sup>†</sup> Quick Lab: Temperature Variation on Earth				
			<sup>†</sup> Exploration Lab: Modeling the Greenhouse Effect				

Lesson 2: Natural Resources						
1-2 days	Lesson	SE, pp. 146–155; *TE, pp. 200– 204	Screens 1–11			
1 dovi	Review	SE, pp. 156–157; *TE, p. 205				
гоау	Assessment		<sup>◊</sup> Lesson 2 Quiz			
(Optional)	Labs		<sup>†</sup> Quick Lab: Renewable or Not? <sup>†</sup> Quick Lab: Production Impacts <sup>†</sup> Field Lab: Natural Resources Used at Lunch			
Lesson 3:	Lesson 3: Nonrenewable Energy Resources					
1-2 days	Lesson	SE, pp. 158–167; *TE, pp. 214– 218	Screens 1–15			
1 day	Virtual Lab		Screens 1–14			
1 dovi	Review	SE, pp. 168–169; *TE, p. 219				
гау	Assessment		$^{\diamond}$ Lesson 3 Quiz			
(Optional)	Labs		<sup>†</sup> Quick Lab: Modeling Nonrenewable Resources <sup>†</sup> Quick Lab: Modeling Nuclear Fission			

Lesson 4:	Lesson 4: Renewable Energy Resources				
1-2 days	Lesson	SE, pp. 170–179; *TE, pp. 228– 232 Screens 1–15			
1 day	Virtual Lab		Screens 1–14		
1 day	Review	SE, pp. 180–181; *TE, p. 233			
Tuay	Assessment		<sup>◊</sup> Lesson 4 Quiz		
(Optional)	Enrichment	S.T.E.M., SE, pp. 182–185; *TE, pp. 234–237			
			<sup>†</sup> Quick Lab: Design a Turbine		
(Optional)	Labs		<sup>†</sup> Quick Lab: Understanding Solar Panels		
			<sup>†</sup> S.T.E.M. Lab: Modeling Geothermal Power		
Lesson 5:	Managing Re	sources			
1-2 days	Lesson	SE, pp. 186–193; *TE, pp. 246– 249	Screens 1–18		
1 dov	Review	SE, pp. 194–195; *TE, p. 250			
гау	Assessment		$^{\diamond}$ Lesson 5 Quiz		
			<sup>†</sup> Quick Lab: Managing a Resource		
(Optional)	Labs		<sup>†</sup> Quick Lab: The Impact of Resource Extraction		
Unit 3 Review and Assessment					
(Optional)	Video-Based Project		Got Water?		
1 day	Review	SE, pp. 198–202; *TE, pp. 252– 254	Online Unit Self Quiz		
1 day	Assessment		° Unit 3 Test		

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Unit 4:	Human	Impact	on	the	Environment
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SE = 5	Pacing Guide SE = Student Edition Interactive Worktext					
Days	Activity Type	Print	Digital			
Unit 4 Op Lesson 1:	ener Human Impac	ct on Water				
1.2 days	Big Idea	SE, pp. 203–205; *TE, pp. 264– 265				
1-2 days	Lesson	SE, pp. 206–217; *TE, pp. 274– 279	Screens 1–12			
1 dov	Review	SE, pp. 218–219; *TE, p. 280				
гау	Assessment		<sup>◊</sup> Lesson 1 Quiz			
(Optional)	Enrichment	People in Science, SE, pp. 220– 221; *TE, pp. 282–283				
			<sup>†</sup> Quick Lab: Ocean Pollution from Land			
(Optional)	Labs		<sup>†</sup> Quick Lab: Turbidity and Water Temperature			
			<sup>†</sup> Field Lab: Investigating Water Quality			

Lesson 2:	Lesson 2: Human Impact on Land				
1-2 days	Lesson	SE, pp. 222–229; *TE, pp. 292– 295	Screens 1–13		
1	Review	SE, pp. 230–231; *TE, p. 296			
гау	Assessment		<sup>◊</sup> Lesson 2 Quiz		
(Optional)	Labs		<sup>†</sup> Quick Lab: Investigating Human Impact on the Land		
			<sup>†</sup> Quick Lab: Roots and Erosion		
Lesson 3:	Human Impac	ct on the Atmosphere			
1-2 days	Lesson	SE, pp. 232–241; *TE, pp. 306– 310	Screens 1–14		
1 day	Virtual Lab		Screens 1–13		
1	Review	SE, pp. 242–243; *TE, p. 311			
гоау	Assessment		<sup>◊</sup> Lesson 3 Quiz		
(Optional)	Labo		<sup>†</sup> Quick Lab: Collecting Air Pollution Particles		
(Optional)	Labs		<sup>†</sup> Quick Lab: Identifying Sources of Indoor Air Pollution		
Lesson 4:	Protecting E	arth's Water, Land, and Air			
1-2 days	Lesson	SE, pp. 244–255; *TE, pp. 320– 325	Screens 1–11		
1 day	Virtual Lab		Screens 1–10		
1	Review	SE, pp. 256–257; *TE, p. 326			
гоау	Assessment		<sup>◊</sup> Lesson 4 Quiz		
(Optional)	Labs		<sup>†</sup> Quick Lab: Soil Erosion <sup>†</sup> Quick Lab: Investigate the Value of Recycling <sup>†</sup> Exploration Lab: Filtering Water		

Unit 4 Review and Assessment			
1 day	Review	SE, pp. 260–264; *TE, pp. 328– 330	Online Unit Self Quiz
1 day	Assessment		<sup>◊</sup> Unit 4 Test

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