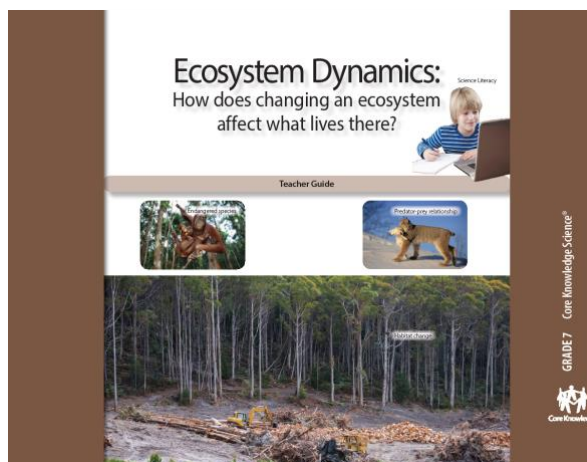


Ecosystem Dynamics

Links for all online resource are in this table. Page numbers refer to pages in the Teacher Guide where the online resource is used. Some links provide access to files created by the Core Knowledge Foundation, including PDF documents that you can download and view with the appropriate software (such as [Adobe Reader](#)).



Resource Links	
1	Program-Wide Teacher Handbook: Overview of the Core Knowledge Middle School Science Program Communicating in Scientific Ways (small poster) Classroom Norms (small poster) Unit-Specific Materials Supply List: Grade 7 Unit 5 Ecosystem Dynamics Pacing Guide for Grade 7 Unit 5 Ecosystem Dynamics Lesson Guidance Slides: 7.5 Ecosystem Dynamics Grade 7 Unit 5 Teacher Notes for Lesson Slides Ecosystem Dynamics NGSS Standards and Dimensions
16	[WEBLINK] Middle School Safety Acknowledgment Form
Science Literacy: Preface	
30	[VIDEO] Building a House: Construction Time-Lapse
Lesson 1	
34	[VIDEO] 7.5. Lesson 1 Orangutans in the Wild
Lesson 2	
61	[VIDEO] 7.5 Lesson 2 From Tree to Table

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Science Literacy: Reading Collection 1	
74	[VIDEO] Why Palm Oil Is So Cheap [VIDEO] How It's Made - Soy Beverages [VIDEO] How is Almond Milk made?
Lesson 4	
88	[VIDEO] 7.5 Lesson 4 Interviews with Palm Oil Farmers
Lesson 5	
100	[WEBLINK] iNaturalist.org [VIDEO] 7.5 Lesson 5 iNaturalist Orientation [WEBLINK] iNaturalist User Guide [VIDEO] 7.5 Lesson 5 SEEK Orientation [VIDEO] 7.5 Lesson 5 Google Earth Orientation
104	[WEBLINK] Learning in Places [WEBLINK] Learning Frameworks Overview
Science Literacy: Reading Collection 2	
124	[VIDEO] Urban Fox Foxes Living Among Us
125	[VIDEO] Gentle Giants Struck by Boats in Florida Seven Worlds, One Planet BBC Earth
Lesson 7	
128	[VIDEO] 7.5 Lesson 7 How to count orangutans [WEBLINK] Story Map: Orangutans in protected areas of Borneo and Sumatra
Lesson 8	
145	[WEBLINK] Orangutan Energy Model 1 [WEBLINK] Orangutan Energy Model 2
Lesson 9	
167	[WEBLINK] Orangutan Population Model
Science Literacy: Reading Collection 3	
189	[VIDEO] How to Tell If You Have Termites [VIDEO] Termites: Signs and prevention tips

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190	[VIDEO] How does crowd estimation work? [VIDEO] How Do the Media and Police Estimate Crowd Sizes? [WEBLINK] Great Backyard Bird Count
Lesson 12	
228	[VIDEO] 7.5 Lesson 12 Orangutans spitting seeds
Science Literacy: Reading Collection 4	
241	[VIDEO] Barkhasuen Nature Bites - Asian Lady Beetles [VIDEO] 'They aren't going anywhere': What's behind the Asian lady beetle invasion
242	[VIDEO] 10 Animals That Are Close To Going Extinct
Lesson 14	
265	[VIDEO] PBS Tending the Wild [VIDEO] Science Magazine, 'Forest Gardens'
Lesson 15	
270	[WEBLINK] Different Approaches to Growing Food [WEBLINK] STRIPS at Iowa State University [WEBLINK] Gunung Palung Orangutan Conservation Program [WEBLINK] Tropenbos International [WEBLINK] Tropenbos Indonesia
Lesson 16	
279	[WEBLINK] Different Approaches to Growing Food
Science Literacy: Reading Collection 5	
295	[VIDEO] The Ecological Risks Behind Our Food System Karen Tai TEDxDeerfieldAcademy
296	[VIDEO] No fish tale: Aquaculture entrepreneur raising 1 million pounds of trout per year [VIDEO] Wild Salmon or Farmed Salmon? Which is Better? Serving Up Science
Lesson 17	
300	[WEBLINK] Collaborative Oil Palm Model

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Online Resources

	[WEBLINK] Google Earth, Padu Banjar
Lesson 18	
330	[WEBLINK] Graffiti Boards in the Classroom
Lesson 19	
339	[VIDEO] 7.5 Lesson 19 Example Audio PSA [VIDEO] Dr. Sarah Denny Gives Parents the AAP's Tips on Protecting Children from Sunburn [VIDEO] Love It or Lose It: The Cycle
Lesson 18	
454	[WEBLINK] MRLC

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