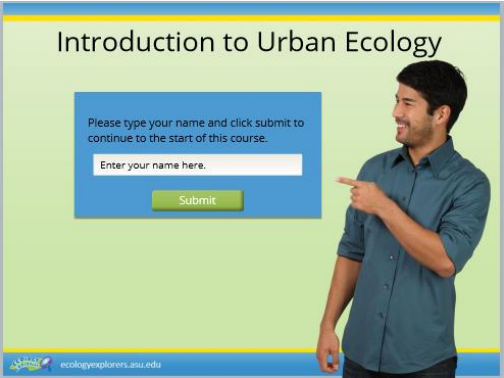
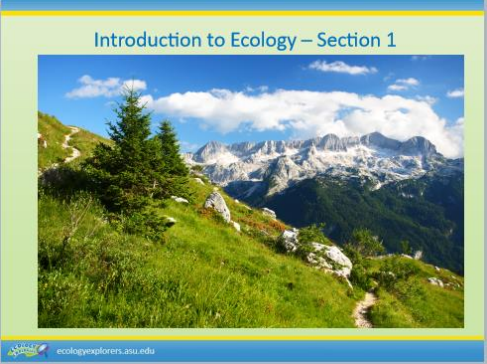
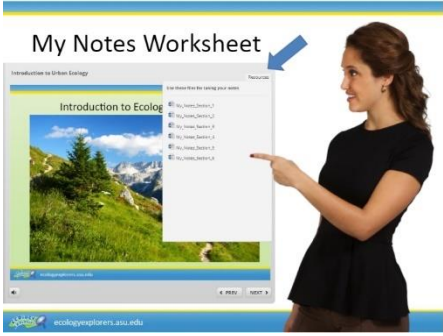
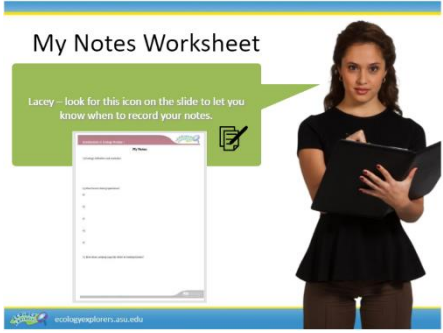


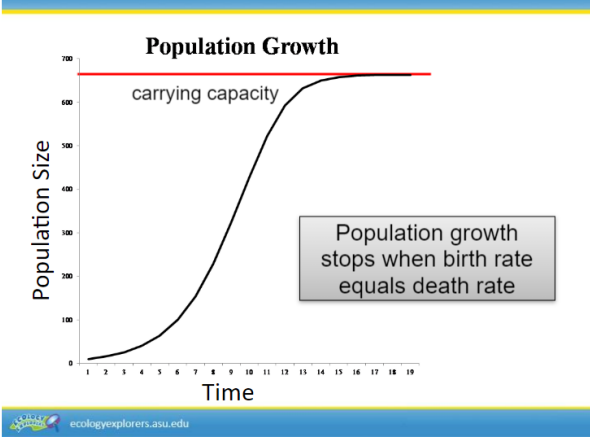
Project Name: Introduction to Urban Ecology

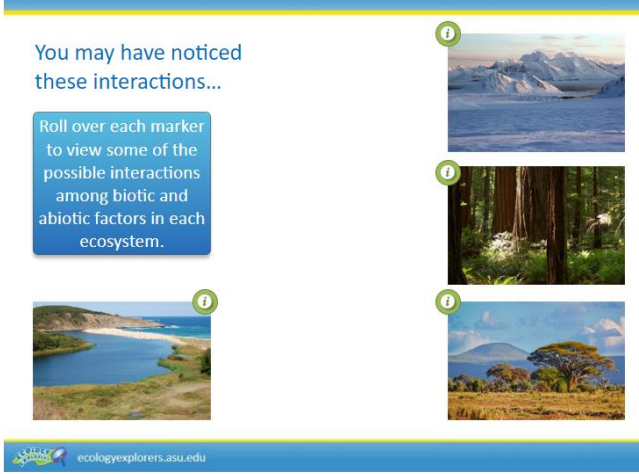
Slide	Visual Description	Script/Narration
1.1	 <p>Course title: Introduction to Urban Ecology Text box: Please type your name and click submit to continue to the start of this course. Include text field for username with text: Enter your name here. Include submit button. Include character pointing to instructions.</p>	n/a
	Programming Notes	Misc. Notes
	Connect text box to name variable (Username) Character enters from right at 1 second. Advance to next slide when user clicks Submit button.	New slide

Project Name: Introduction to Urban Ecology

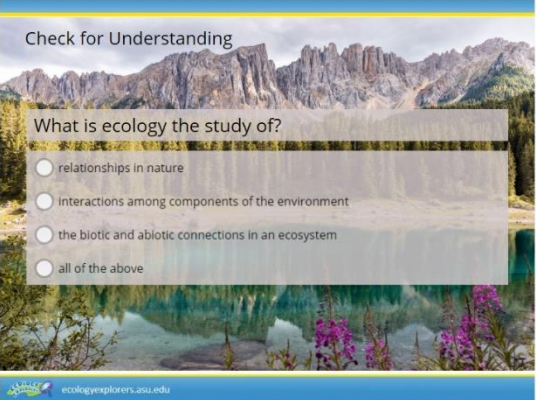
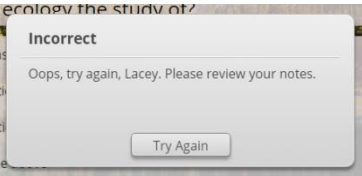
Slide	Visual Description	Script/Narration
1.2	 <p>Section title: Introduction to Ecology – Section 1 Image of mountain scene</p>	Welcome to the Introduction to Urban Ecology course. Section 1 will introduce you to basic principles of ecology.
	Programming Notes	Misc. Notes
	Add voice-over narration. Slide automatically advances when narration completes/timeline ends	

Slide	Visual Description	Script/Narration
1.4	 <p>Heading: My Notes Worksheet Begin slide with screen capture of player with Resources tab selected and character pointing. Blue arrow enters from right to point to Resources tab as narration says to click the resources tab.</p>  <p>When narration says “download the worksheet...”</p> <ul style="list-style-type: none"> ▪ Screen capture of player disappears. ▪ Text box appears. ▪ Character changes from pointing to recording notes. ▪ Image of notes document appears. <p>When narration says “an icon will appear...”</p> <ul style="list-style-type: none"> • Notes icon enters with swivel animation. 	<p>As you proceed through this learning module, you will be asked to use a provided worksheet to take notes on the content.</p> <p>Go to the upper right-hand corner of the course player. Click the Resources tab to access the My Notes Worksheet for each course section.</p> <p>Download the worksheet to record your notes.</p> <p>An icon will appear on the screen to let you know when to record your notes.</p> <p>Each section contains additional questions to help you check for understanding. You can use your notes to help you answer these questions and synthesize what you are learning.</p>
	Programming Notes	Misc. Notes
	<p>Include %Username% variable in text box. See animation timing notes above. User advances slide.</p>	New slide

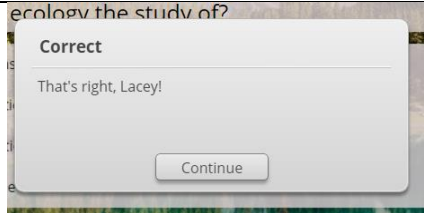
Slide	Visual Description	Script/Narration
<p>1.15</p>	 <p>When narration begins “Population growth stops...”</p> <ul style="list-style-type: none"> • Add “population growth” text. • Red line enters/wipes from left. • Text box appears: Population growth stops when birth rate equals death rate. 	<p>Start slide with image of graph outline and labels.</p> <p>Animate curve (enter from left) so it nears carrying capacity as narration says “...begin to slow.”</p> <p>If limiting factors exist, as they always do in nature, then each population has a point in time where the limiting factors begin to slow its growth rate.</p> <p>Population growth stops when birth rate equals death rate. Then the population size may reach a maximum size or carrying capacity where limiting factors in the environment prevent it from getting bigger.</p> <p>Theoretically, growth will stop and the population will continue at that established size, the individuals will die and the same number will replace them. This is a simplified case.</p>
	<p>Programming Notes</p> <p>Slide automatically advances when timeline ends.</p>	<p>Misc. Notes</p>

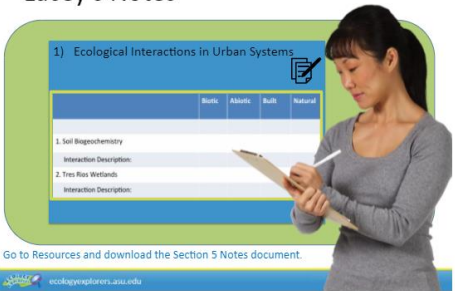
Slide	Visual Description	Script/Narration
1.32	 <p data-bbox="369 732 1335 833">Include directions for interaction: “Roll over each marker to view some of the possible interactions among biotic and abiotic factors in each ecosystem.”</p>	n/a
	<p data-bbox="369 878 611 902">Programming Notes</p>	<p data-bbox="1356 878 1503 902">Misc. Notes</p>
	<p data-bbox="369 915 1268 1049">Hover over marker to display text. Markers – information icon without animation. Size and position marker information so the text displays in the white space between columns of images.</p> <p data-bbox="369 1092 1331 1263">Text for sandbar marker: Wind causes wave action that builds up the sand bar, which provides a place for humans to play. The sand bar partially dams the river, creating a calmer and warmer place for humans to swim. The fresh water from the river mixes with the salt water, creating a unique environment for estuary plants and animals.</p>	<p data-bbox="1356 915 1619 940">New slide/Interaction</p>


	<p>Text for snow marker: Gasses form clouds that get trapped in the mountains and precipitate snow, which melts and runs off to form the lake, providing possible habitat for aquatic plants and animals.</p> <p>Text for redwood marker: The high canopy of Redwood trees traps moisture on the forest floor and filters sunlight. Ferns need the high humidity for reproduction and the low light levels for photosynthesis.</p> <p>Text for grasses marker: Grasses provide food for grazing animals and trees provide shade. In turn, animal waste and leaf litter serve as nutrients for decomposers and plants.</p>	
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Slide	Visual Description	Script/Narration
1.44	 <p>Header: Check for Understanding</p> <p>CC0 Image of mountain lake. Display question for 2 seconds before displaying answer choices.</p> <p>Question Stem: What is ecology the study of? Responses:</p> <ul style="list-style-type: none">• relationships in nature• interactions among components of the environment• the biotic and abiotic connections in an ecosystem• all of the above  <p>Incorrect response text: Oops, try again %username%. Please review your notes.</p>	n/a

Project Name: Introduction to Urban Ecology

	<p>Correct response text: That's right, %username%!</p>	
<p>Programming Notes</p>		<p>Misc. Notes</p>
<p>Single response multiple choice quiz question. Allow 3 attempts. Correct Response= all of the above Do not shuffle answers because of "all of the above" option. Link to results slide (1.49) Include %username% variable in correct and incorrect feedback layers. Continue button advances to next slide.</p>		<p>Changes to how the question displays but no content change. When publishing the course, remove this slide from the course menu.</p>

Slide	Visual Description	Script/Narration
5.3	 <p>Header text: %username%'s Notes</p> <p>Text above image: 1) Ecological Interactions in Urban Systems</p> <p>Include the Add Notes icon as visual reminder to open the notes handout.</p> <p>Image of Question 1 in the Section 5 My Notes handout.</p> <p>Include character with notebook.</p> <p>When narration begins "Click the Resources tab..."</p> <ul style="list-style-type: none"> include the text "Go to Resources and download the Section 5 Notes document." Enter by wiping from the left. 	<p>As you continue to learn about urban ecology research projects, be sure to record examples of interactions among biotic and abiotic factors and the built and natural components of the environment.</p> <p>Click the Resources tab to download the Section 5 notes document.</p>
	<p>Programming Notes</p> <p>Include %username% variable in header text.</p> <p>User advances slide.</p>	<p>Misc. Notes</p> <p>Ensure that Section 5 Notes document is included in the Resource tab of the Storyline player.</p>

Slide	Visual Description	Script/Narration
5.16	 <p>Click on the image to read more of Dr. Childers' work.</p> <p>ecologyexplorers.asu.edu</p>	<p>Image of researcher working on the project described.</p> <p>As narration begins, "click the image..." insert the text, "Click on the image to read more of Dr. Childers' work." Enter by wiping from the left.</p> <p>To learn more about Dr. Childers' work, click the image to read the article "Urban wetland fosters an early appreciation for science, nature."</p>
	<p>Programming Notes</p> <p>When user clicks image, open link at https://sustainability.asu.edu/news/archive/urban-wetland-fosters-an-early-appreciation-for-science-nature/</p> <p>User advances slide.</p>	<p>Misc. Notes</p> <p>Embed link directly in slide, rather than directing learners to click the link in Canvas.</p>

Slide	Visual Description	Script/Narration
5.19	 <p>Image of wetland researcher.</p> <p>After narration completes, insert the text, "Click on the image to watch the video." Text enters by wiping from the left.</p>	<p>This video shows the researchers at work and reveals some interesting results about plants when extra water and nutrients are added to a desert ecosystem.</p> <p>Listen carefully to discover what types of matter are being studied, where they originate, and where they are going in the ecosystem.</p>
	<p>Programming Notes</p> <p>Embed video into slide. Launch video when user clicks the image. Video is hosted at https://vimeo.com/51116404</p> <p>User advances slide.</p>	<p>Misc. Notes</p> <p>Embed video directly in slide, rather than directing learners to click the link in Canvas.</p>