










Technology-Connected Lesson Plan

Title:	Food Chains vs. Food Webs
Grade Levels:	CC Science 7 Unit 8
Curriculum Areas:	🖥️ Science
Measurable Objectives:	<ul style="list-style-type: none"> 🖥️ TSW understand the difference between food chains and food webs 🖥️ TSW be able to describe the terms “Producers” and “Consumers”
LA Content Standards/GLE’s:	<ul style="list-style-type: none"> 🖥️ Construct or draw food webs for various ecosystems (SE-M-A5) 🖥️ Analyze food webs to determine energy transfer among organisms (LS-M-C2) 🖥️ Communicate ideas in a variety of ways (e.g., symbols, illustrations, graphs, charts, spreadsheets, concept maps, oral and written reports, equations) (SI-M-A7)
Technology Standards:	<ul style="list-style-type: none"> 🖥️ Compose and edit a multi-page document with appropriate formatting using word-processing skills. (e.g., menu, tool bars, dialog boxes, spell check, thesaurus, page layout, headers and footers, word count, margins, tabs, spacing, columns, page orientation) 🖥️ Use multimedia tools and desktop publishing to develop and present computer-generated projects for directed and independent learning activities
Technology Connection:	<ul style="list-style-type: none"> 🖥️ Food Chains and Webs http://www.vtaide.com/png/foodchains.htm 🖥️ Food Chain vs. Food Web http://www.sciencebob.com/lab/q-web-chain.html 🖥️ Algae in the food web http://www.bigelow.org/edhab/fitting_algae.html#geographic_variation 🖥️ Fun with Food Webs Games http://www.harcourtschool.com/activity/food/food_menu.htm 🖥️ Build a Food Web http://www.gould.edu.au/foodwebs/kids_web.htm 🖥️ Who Dun It Mystery http://www.gould.edu.au/foodwebs/kids_web.htm 🖥️ PowerPoint Presentation Food Chains and Food Webs 🖥️ Thinking Maps Software
Procedures:	<ul style="list-style-type: none"> 🖥️ Modeling: TTW show the students a picture of a food chain and a food web and discuss. 🖥️ Guided Practice: TTW will use the Food Chains and Food Webs PowerPoint to discuss food chains and webs and discuss likenesses and differences among both. This presentation will also be used to discuss and describe producers and consumers.

	<p> Independent Practice: TSW use the various websites to learn more about food chains and webs. TSW use the Build a Food Web site to build a food web. TSW use Thinking Maps software to create a double bubble map showing likenesses and differences of the two.</p> <p> Review: TTW use the Who Dun it Mystery game to review with the students.</p> <p> Closure: TTW give the students feedback on the bubble map.</p>
Materials:	 Food chain and food web pictures, PowerPoint presentation, Thinking Maps software
Assessment:	 TO, SP, Double Bubble Map
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