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Ecological relationships food webs answer key

Now view the video to explore the components of the food chain and see a real life example in the Everglades ecosystem, a region of tropical wetlands found in the southern part of Florida. Use the graphic organizer on page 4 of the Ontrack Biology Journal to take notes from the video. compare your notes with your classmate's notes. Make sure you both have a complete set of notes that contains all the conditions from the video. If you don't, check it out again. Ecosystem research The ecosystem is a community of living organisms in conjunction with a non-life component of their environment (things like air, water and soil) that interact as a system. In the video, the Everglades ecosystem was used to show how energy and matter flow from one organism to another. What other kinds of ecosystems do you know about? In Texas, we have many ecosystems such as deserts, mountains, plains, prairies, sea shores, timberlands, and swamps. Choose one type of ecosystem you are curious about and brainstorming at least three research questions. Write them on page 5 in the OnTRACK Biology Journal. Include some of the new terms that you have learned in your questions with a link to page 4 of your OnTRACK Biology Journal. Use the resources available to research and answer your questions and write them in a journal. You will use this information later. In each ecosystem, organisms are interconnected through feeding relationships. There are a large number of feeding relationships in each ecosystem, but energy always flows from primary producers to different consumers. These feeding relationships are represented by food chains and food chains. The food chain is a sequence in which organisms transmit energy by eating and eating. Here's an example of the food chain from the video. Note that the arrows point in the direction of the energy flow. The point of the arrow goes to who does eat. In most ecosystems, feeding relationships are much more complex than those listed in the food chain. The network of interactions with feeding is called the food web. Watch the video to see an example of a food web from the Everglades ecosystem. and contrast with the food chain and food web on graphic organizer on page 6 of your OnTRACK Biology Journal. Use the Venn diagram to list the characteristics of the food chain and the food chain, as well as what the two have in common. Check your LearningDrag circle icon and place it over an arrow that points in the right direction in the following diagram. Create Your Own Food Web Now that you've seen an example of a food web, look at the ecosystem that you examined in the first part of this resource and create a food web to show how matter and energy flow between organisms that could live in that ecosystem. You can view your food website on a poster or through a digital graphic organizer created online, such as lucidcharte or Drive Drawings. Do not forget to draw arrows moving in the direction that matter and energy flows. Once your food web is complete, tick each of the following: Manufacturers Consumers Herbivores Omnivore Carnivores Scavengers In addition, fill in the following and post near or on your food web diagram: Describe the food web and the places on Earth where this ecosystem and these organisms could be found. Found.