

## Mrs. McDonald - 7th Grade Science

Week of May 11 (Week 8)

**This week in science...** We will start exploring Ecosystems. We are also changing our Scientist of the 6 Weeks. Who is it?

Mrs. McDonald shouts: **RACHEL** You shout: **CARSON**

- **Tasks** - The videos, notes and activities will improve your understanding but are not graded.
- **Assignment** - **CHOOSE 1** graded assignment to complete this week. I gave you options to show your knowledge. Be creative!
- **TEAMS Q&A Sessions** - Tuesday at 1pm for A-day classes and Wednesday at 1 pm for B-day classes. Sign into TEAMS to attend.
- **Town Hall** - We will have a Live Town Hall on Teams this Tuesday, May 12<sup>th</sup> at 11:30 am. Link will be posted on the HUB.

See y'all soon! ~Mrs. McDonald

<h3>Tasks</h3>	Discovery Education - Food Chains and Webs <a href="https://cleversso.discoveryeducation.com/learn/player/ce229646-0aca-488b-b9cc-23edb9b878f5">https://cleversso.discoveryeducation.com/learn/player/ce229646-0aca-488b-b9cc-23edb9b878f5</a> <ul style="list-style-type: none"> <li>• Discovery Education - Real World Science: Food Chains <a href="https://cleversso.discoveryeducation.com/learn/player/4d7dbaf3-8bea-4d31-987a-3beee0815e94">https://cleversso.discoveryeducation.com/learn/player/4d7dbaf3-8bea-4d31-987a-3beee0815e94</a></li> <li>• Discovery Education - Biology: The Science of Life: Ecology: Organisms in Their Environment <a href="https://cleversso.discoveryeducation.com/learn/player/0b666d65-13a0-46ad-9914-4c7ba106da46">https://cleversso.discoveryeducation.com/learn/player/0b666d65-13a0-46ad-9914-4c7ba106da46</a></li> <li>• TEDEd - How one scientist took on the chemical industry <a href="https://ed.ted.com/on/momuMyQH">https://ed.ted.com/on/momuMyQH</a></li> </ul>						
<h3>Vocabulary</h3>	autotrophic	heterotrophic	organism	ecosystem	abiotic	biotic	
	energy loss	energy pyramid	trophic level	flow of energy	food chain	food web	
	producer	consumer	decomposer	herbivore	omnivore	carnivore	
<h3>Assignments</h3>	Choose 1 assignment option. Show your knowledge about Food Chains and Food Webs. Be creative! <b>Include a minimum of 8 vocabulary words in your assignment.</b>						
<h3>Option 1</h3> A Piece of My World Essay	Pick a local microhabitat... your front yard, the schoolyard, a local park or garden, or research somewhere you have always wanted to visit. Write a one-page description of your microhabitat including both biotic and abiotic factors present. You can write this in 1 <sup>st</sup> person as one of the organisms or you can write as a narrator telling the story of a microhabitat.						
<h3>Option 2</h3> Create a Food Chain	Create a food chain including a producer, herbivore, omnivore, carnivore and decomposer that can be found in Texas. Make sure to include an energy source. You pick how you present your food chain. Try a new way to present info. Options: mini poster, PowerPoint presentation, iMovie presentation, TikTok video, etc.						
<h3>Option 3</h3> Species Invade!	Explore the website: TexasInvasives.org Obtain information describing an invasive species (besides zebra mussels). Write a one-page summary of your article explaining what the invasive species is and how ecosystems are being affected. Mention any steps that are being taken to prevent further spread of the species. Remember to include a minimum of 8 key vocabular terms.						