**Unit Essential Question:** *How do humans impact organisms around the world and what can we do about it?*

You have been asked to create an advocacy video that describes the human impact on an organism and gives a potential solution. After each task, you will return to the table below to organize what you learn as you go through the unit. By the end of the three tasks, you will have all this information to use for your culminating project. For each activity, be sure to include answers to **ALL** the questions provided.

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| Lift-Off Task: Bad News for Bees | Based on your discussion in groups today,   * Make a hypothesis: What do you think is causing the bee population to decrease? * Do you think other organisms around the world might also be affected by the same cause? How? |
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| Task 1:  Heating Up | You have been provided with a list of organisms that are affected by rising temperatures. As a group, select an organism from the list to focus on for your culminating project and research your organism. Then individually,   * Define the **problem**: What is happening to global temperature and why might it be a problem? * Identify the **criteria** for a successful solution: How will you know if a solution addresses the problem? * Identify the **constraints** of solving this problem: What might make it hard to solve this problem? |
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| Task 2:  It Takes Two | Consider your chosen organism and do additional research, as necessary:   * What specialized structures OR behaviors does your organism have that help it survive and reproduce? Describe how these characteristics specifically help with survival and/or reproduction. |
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| Task 3:  Feeling the Impact | In this task, you learned about how humans are impacting your chosen organism through global warming and are well on your way to coming up with a solution!   * Summarize the ideas from your poster here.   + Describe the feedback you received from peers and how you plan to revise it based on that feedback. * Return to your criteria and constraints that you identified after Task 1. Based on what you have learned about your organism so far, how can you revise them or add to them? |
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