





**Instructions:** with another student, proceed through the following steps.

1. Pose the question on your sheet to your partner. Listen to the answer and give oral feedback. Nothing is written.
2. Hear your partner's question, give your best answer, and get feedback. Nothing is written.
3. Work together to find a connection between the **topics** listed at the top of each of your sheets (not the specific questions), and *write out connections on your own sheet, below*.
4. Find a new partner and go back to Step 1.

**Question:** How does the greenhouse effect influence the concentration of CO<sub>2</sub> in the ocean?

**Your Topic:** Ocean acidification

Partner's topic	Brief explanation of connection(s) with your partner's topic

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**Question:** Why has the Atlantic Ocean been freshening for the last few decades?

**Your Topic:** Meridional overturning circulation

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**Question:** What is a trophic cascade?

**Your Topic:** The 2010 Deepwater Horizon Oil Spill

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**Question:** List 4 factors that can increase the likelihood of a harmful algal bloom here.

**Your Topic:** Harmful algal blooms

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**Question:** Explain the whale pump.

**Your Topic:** North Atlantic Right whales

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**Question:** What drives subduction and seafloor spreading?

**Your Topic:** A magnitude 9 earthquake in Oregon

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**Question:** What is the primary cause of sea level rise?

**Your Topic:** Coastal resilience

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**Question:** What drives seasonal stratification in the Mystic River Estuary?

**Your Topic:** Estuaries

Partner's topic	Brief explanation of connection(s) with your partner's topic