

# Lesson 2 Extension Activity: Adaptation Strategies Jigsaw

## Instructions:

1. You will be assigned **one climate change impact** (such as drought, extreme heat, or flooding).
2. Use the **video links below** to learn about **adaptation strategies** that address your assigned impact.
3. After watching the video(s), find your assigned climate impact in the table on the next page.
4. In your own words, write **1-2 sentences** explaining how **one adaptation strategy** helps people, animals, or the environment adapt to that specific climate change impact.
5. Once everyone has completed their section, you will **join a new group** with students who studied different impacts.
6. In your new group, **take turns sharing** what you learned.
7. As others present, **fill in the rest of the table** using the information your classmates share.

Climate Impact	Adaptation Strategies
1. Drought	<ul style="list-style-type: none"><li>- <a href="#">Water harvesting and rain barrels</a></li><li>- <a href="#">Aquaponic gardening</a></li><li>- <a href="#">Low-flow toilets and appliances</a></li></ul>
2. Extreme heat	<ul style="list-style-type: none"><li>- <a href="#">Tree planting/urban canopies</a></li><li>- <a href="#">Pavement surfacing and painting</a></li><li>- <a href="#">Diversifying crops</a></li></ul>
3. Rising sea levels	<ul style="list-style-type: none"><li>- <a href="#">Building sea walls</a></li><li>- <a href="#">Planting mangrove forests</a></li></ul>
4. Wildlife extinction and habitat loss	<ul style="list-style-type: none"><li>- <a href="#">Building wildlife crossings</a></li><li>- <a href="#">Restoring native habitat</a></li></ul>
5. Wildfire	<ul style="list-style-type: none"><li>- <a href="#">Wildfire fuels reduction / Forest thinning</a></li><li>- <a href="#">Prescribed burns</a></li></ul>
6. Flooding	<ul style="list-style-type: none"><li>- <a href="#">Improving wetland habitat</a></li><li>- <a href="#">Permeable pavement</a></li><li>- <a href="#">Rooftop gardens</a></li><li>- <a href="#">Flood planning</a></li></ul>

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Climate impact	Name of adaptation strategy	1-2 sentences describing the adaptation strategy in your own words:
1. Drought		
2. Extreme heat		
3. Rising sea levels		
4. Wildlife extinction and habitat loss		
5. Wildfire		
6. Flooding		