## Purpose

Now you know what climate change is and the impacts it is having. But what can we actually do to take on climate change? In this quick activity, you’ll think about different categories of climate change solutions and examples of those strategies.

## Process

Climate change **mitigation** is how we reduce the emissions of greenhouse gases in the atmosphere, thereby slowing and limiting climate change.

Climate change **adaptation** is how we respond to climate change to reduce its impact on people, places, and ecosystems.

1. Review the list of climate change solutions below. Decide if each item is a mitigation solution, an adaptation, or both, and write it in the correct column. If you’re not sure, take your best guess.
2. With a partner, compare your responses and discuss why you chose to categorize the solutions as you did.

Solar-powered electricity

Reforestation

Urban cooling centers

Electrical grid upgrades

Drought-tolerant seeds

Electric vehicles

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| --- | --- | --- |
| **Mitigation Solution** | **Adaptation Solution** | **Both** |
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