Select one of the climate change issues below. Once you have made your selection, watch the video by yourself, and then complete the rest of the exercise with a partner. You may need to watch the video more than once.

Your climate change issue:

Flooding:

https://www.canva.com/design/DAFn4RKxWeg/25RXWR_QWa54GRCQYuFFXA/watch?utm_content=DAFn4 RKxWeg&utm_campaign=designshare&utm_medium=link&utm_source=publishsharelink

Sea Level Rise- living shorelines, dunes

https://www.canva.com/design/DAFoP1NJoPo/X08nKxL4v0Qi5JhJL65e-w/watch?utm_content=DAFoP1NJoP o&utm_campaign=designshare&utm_medium=link&utm_source=publishsharelink

Rising global temperatures- green roofs, tree canopy

https://www.canva.com/design/DAFoRIJthQo/BMky92BjZIWuMDJDkC7tbA/watch?utm_content=DAFoRIJthQo &utm_campaign=designshare&utm_medium=link&utm_source=publishsharelink[

Loss of biodiversity- wetland restoration, oyster reefs

https://www.canva.com/design/DAFoVZGvvF8/fQYOGNwiC3Zfw1Lwxct65w/watch?utm_content=DAFoVZGvv F8&utm_campaign=designshare&utm_medium=link&utm_source=publishsharelink

1. The video you chose introduced you to one climate change issue and one or more possible solutions. Write the solutions in your own words below.

2. The solutions described in the video are not the only options. Can you think of any other solutions to this issue. With your partner, brainstorm your own ideas for 1-2 minutes. It doesn't have to be perfect! If we had the perfect solution, it would no longer be a problem!

3. What are some of the strengths and weaknesses of the solutions you explored today? With your partner complete the tables below for any two solutions (could be from the video or your own idea). Climate change issues are complicated and must be evaluated from many perspectives and angles. Be sure to consider the strengths and weaknesses of your chosen solutions in terms of economics (cost), social (how it affects people) and environmental (how it affects nature).

| Solution #1 | Strengths | Weaknesses |
|--|-----------|------------|
| Environmental (how does it affect nature and the environment) | | |
| Social (how does it affect people) | | |
| Economics (is it expensive) | | |

| Solution #2 | Strengths | Weaknesses |
|--|-----------|------------|
| Environmental (how does it affect nature and the environment) | | |
| Social (how does it affect people) | | |
| Economics (is it expensive) | | |

4. Next, with your partner, decide if you think you have enough information to decide which solution is the best. If you do, write 2-3 sentences justifying your choice. If not, describe the information that you still need in order to make a decision.