

## Climate Change Investigation

In this activity you will be challenged to predict what you think will happen in the future due to climate change.

You will need:

- A computer
- The Climate Change grid (on the next page)

Now you need to:

- Watch the [Coastwatch Series](#)
- Watch the [What is a Flood?](#) animation.
- Complete the Climate Change grid (attached).
- Discuss the further impacts climate change could have on the settlement in the valley and answer the questions below:

### QUESTIONS:

What changes in our weather patterns do scientists and meteorologists expect for us in this country due to climate change?

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Why are settlements on the coast like the one in our animation especially vulnerable?

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What could the people in the settlement do to reduce the risk and/or impact of flooding?

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## Climate Change – What is it and what can we do?

Watch the Coastwatch animations and use what you hear and see to complete this grid with facts about Climate Change.

To get you started, an example of a cause, an effect and something we can all do is given to begin each column.

<b>Causes</b>	<b>Effects</b>	<b>What can we all do about it?</b>
<ul style="list-style-type: none"><li>• Deforestation</li></ul>	<ul style="list-style-type: none"><li>• Stormier weather</li></ul>	<ul style="list-style-type: none"><li>• Turn appliances off 'stand-by'</li></ul>