

**Using climate science ideas to build an understanding of climate change**

| Climate Science Idea (key concept)                                                                                                                                                                                                                                                                             | What does it have to do with climate change? |
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| <ul style="list-style-type: none"><li>• As denser water (colder and/or saltier) sinks and displaces water below it, the less dense water (warmer and/or less salty) is forced to rise to the surface. This is one way currents can form.</li><li>• Currents spread heat energy throughout the ocean.</li></ul> |                                              |
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