

# Climate Change: A Serious Threat

## Enduring Understandings:

Climate change is a serious threat and if we don't do something about it today, it's going to get worse.

## Essential Questions:

- Is there a beneficial byproduct of burning of fossil fuels (oil, coal, natural gas)?
- How much of the energy in the U.S. is dependent upon fossil fuels?
- How does burning fossil fuels lead to trapping more heat on the surface of the earth?
- If carbon has always been a natural part of our atmosphere, then why this a life-threatening problem?
- Which American trait can lead us to solutions?

“Climate change is very real. We got into this situation because of the way we use energy, and the way we use energy is how we're going to get ourselves out of it.”



Mary Nichols, Chair  
California Air Resources Board