

May. 28, 2019

Day 3/167

At the end of today's lesson you will;

- *What causes climate change?*

Classwork-

- **Earth's Changing Climate 3.1**
- *Through work in the Sim and a data-analysis activity, students investigate why carbon dioxide and methane are increasing in the atmosphere.*
- *They use the Sim to explore how carbon dioxide and methane levels are affected by human activities and then evaluate the quality of several pieces of evidence, using the Evidence Gradient.*
- *Using what they determine to be the strongest evidence, students discuss why carbon dioxide and methane are increasing.*
- *The purpose of this lesson is to allow students to discover the connection between human activities and the levels of carbon dioxide and methane in the atmosphere.*

Homework-

- *For homework, students use some new human activities features in the Modeling Tool to diagram one cause of climate change. Complete all of the activities from today's Earth's Changing Climate 3.1 lesson.*

