**ARC Week at Glance**

**Topic: Climate and Climate Change Course: Environmental Science Grade: 9th Dates: 13 to 17 January**

**EV 2. Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth’s ecosystems.**

SEV 2.a Analyze and interpret data related to short-term and long-term natural cyclic fluctuations associated with climate change. (*Clarification statement:* Short term examples include but are not limited to El Nino and volcanism. Long-term examples include but are not limited to variations in Earth’s orbit such as Milankovitch cycles.)

SEV 2.b Analyze and interpret data to determine how changes in atmospheric chemistry (carbon dioxide and methane) impact the greenhouse effect.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| **Monday** | Climate and Climate Change | I can explain what effect Global Climate Change is having on the planet. | Lecture | Climate term Sort activity | Worksheet |
| **Tuesday** | Climate and Climate Change | Review | Review | Review | Review |
| **Wednesday** | Climate and Climate Change | Review | Kahoots! | Kahoots! | Kahoots! |
| **Thursday** | Climate and Climate Change | Test | Module 6 Test | Module 6 Test | Module 6 Test |
| **Friday** | Climate and Climate Change | Post test Review | Post test Review | Post test Review | Post test Review |