**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour\_\_\_\_\_\_\_\_\_\_\_\_\_Number\_\_\_**

 **Climate Change KWL**

**To save:**

* Go to my blog
* Click on “Climate Change KWL”
* Click “file”
* Click “Save as Google doc”
* Click “move”
Click “8th grade science”
* You will save this document in your google drive until the end of the unit

**To turn in**

* Go to ilearn
* Select the “Climate Change” for your hour and follow the prompts.

In this unit, students will discuss climate change.

**Directions:** On the first day of your KWL you must answer the first two questions using complete sentences and a restate. Do not just list words; you must explain your answers. BE SURE TO CHANGE YOUR FONT COLOR BEFORE TURNING IN. As you complete each lesson within the unit, you need to complete the “check list” table. This will help you prepare for your unit project and unit test at the end of the unit.

**1. What do you already know about climate change? (Details, do not just list words)**

**2. What do you want to learn about climate change?**

**3. What you learned about climate change? (Details, do not just list words, must give at least five full details to earn full credit)**

**Part 2: Unit Scenario:**

The following is from your cities mayor

Dear 8th grade students,

I need your help for our community. I’ve heard many people having discussions regarding the following claims:

1. Global temperatures are rising, and they are rising faster than in the past.
2. A change in climate will have an impact on our community
3. The actions we take impact our environment

I need you to investigate these claims so that we can better prepare for our future. We need to know if there will be negative impacts on people and the environment. If there will be impacts, we need to know whether we can do something to reduce those impacts.

I am challenging you to educate people about how Earth’s climate system works, what causes global climate to change, if people and the natural environment will be impacts, and what we can do about it. I look forward to hearing your recommendations about what we should do.

This challenge is being given to all 8th graders in the city. I will use the winning recommendations in my annual “state of the city” speech to our community.

Good luck and thank you for your work to help our community become even greater!

Sincerely,

The Mayor

**Directions:** As we complete each lesson in the unit fill out the table below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lesson | What did we do? | Evidence to help answer the unit questions. | Evidence to help complete the Unit Scenario Challenged | Vocabulary words and definitions (at least 3) |
| Lesson 1: What Do We Know |  |  |  |  |
| Lesson 2: Greenhouse Effect Station 1-3 |  |  |  |  |
| Lesson 3: Greenhouse Effect Stations 4-6 |  |  |  |  |
| Lesson 4: (Little Ice Age) |  |  |  |  |
| Lesson 5A : How much do you Spew?  |  |  |  |  |
| Lesson 5B |  |  |  |  |
| Lesson 6:  |  |  |  |  |
| Lesson 7:  |  |  |  |  |