

Science

MAY 8, 2018

DAY 2/150



AT THE END OF TODAY'S LESSON YOU WILL:

APPLY THEIR KNOWLEDGE ABOUT ENERGY, THE ATMOSPHERE, AND CLIMATE CHANGE TO A NEW CONTEXT. SULFUR DIOXIDE REDIRECTS SOME INCOMING ENERGY FROM SUNLIGHT BACK TO OUTER SPACE.

CLASSWORK-

- **EARTH'S CHANGING CLIMATE 4.1**
- STUDENTS ARE INTRODUCED TO THE CHAPTER 4 QUESTION: HOW IS EARTH'S CLIMATE AFFECTED IN THE FIVE TO TEN YEARS AFTER A LARGE VOLCANIC ERUPTION?
- STUDENTS CONSIDER TWO CLAIMS:
 - (1) volcanic eruptions cool the climate and
 - (2) volcanic eruptions warm the climate.
- AN INTRODUCTORY VIDEO, AS WELL AS EXPLANATIONS BY THE TEACHER, MAKE IT CLEAR THAT THE EFFECT OF VOLCANIC ERUPTIONS IS MUCH SMALLER THAN THE EFFECT OF HUMAN ACTIVITIES THAT STUDENTS INVESTIGATED IN CHAPTER 3, BUT STILL IMPORTANT FOR CLIMATOLOGISTS TO UNDERSTAND.

HOMEWORK-

- COMPLETE THE SECTION 4.1.4 HOMEWORK.
- STUDY THE EARTH'S CHANGING CLIMATE VOCABULARY TERMS ON QUIZLET.
- QUIZ THURSDAY. END OF UNIT TEST FRIDAY..