

# Science

APR. 23, 2018

DAY 3/139



**AT THE END OF TODAY'S LESSON YOU WILL:**

DETAIL THAT ALL CLIMATE CHANGES ARE TIED TO THE RELATIONSHIP BETWEEN HOW MUCH ENERGY ENTERS THE EARTH SYSTEM RELATIVE TO THE AMOUNT OF ENERGY THAT EXITS THE SYSTEM. NEXT, ANSWER THE QUESTION, HOW DO CARBON DIOXIDE AND METHANE AFFECT ENERGY ENTERING OR EXITING THE EARTH SYSTEM?

## CLASSWORK-

- **EARTH'S CHANGING CLIMATE 2.2, 2.3**
- STUDENTS CONTINUE TO LEARN ABOUT HOW THE RELATIONSHIP BETWEEN ENERGY ENTERING AND EXITING EARTH'S SYSTEM AFFECTS CLIMATE.
- AFTER LOOKING AT DATA THAT SHOWS AN INCREASE IN ENERGY FROM THE SUN IS NOT THE CAUSE OF CURRENT WARMING, STUDENTS READ ABOUT TWO PERIODS OF CLIMATE CHANGE FROM EARTH'S PAST.
- NEXT, STUDENTS BUILD THEIR UNDERSTANDING IN TWO WAYS: A WHOLE-CLASS SUMMARY OF THE READING AND A MODELING ACTIVITY IN WHICH THEY USE THE MODELING TOOL TO SHOW HOW CARBON DIOXIDE AFFECTS ENERGY ENTERING AND EXITING THE SYSTEM.

## HOMEWORK-

- COMPLETE ALL ACTIVITIES IN SECTIONS 2.2, AND 2.3.
- STUDY THE EARTH'S CHANGING CLIMATE VOCABULARY TERMS ON QUIZLET.