

Science

MAY 2, 2018

DAY 2/146



AT THE END OF TODAY'S LESSON YOU WILL:

DISCOVER THE CONNECTION BETWEEN HUMAN ACTIVITIES AND THE LEVELS OF CARBON DIOXIDE AND METHANE IN THE ATMOSPHERE.

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.
- FOR HOMEWORK, STUDENTS USE SOME NEW HUMAN ACTIVITIES FEATURES IN THE MODELING TOOL TO DIAGRAM ONE CAUSE OF CLIMATE CHANGE.

HOMEWORK-

- COMPLETE THE SECTION 3.1.4 HOMEWORK.
- STUDY THE EARTH'S CHANGING CLIMATE VOCABULARY TERMS ON QUIZLET.