

Science

APR. 16, 2018

DAY 2/134



AT THE END OF TODAY'S LESSON YOU WILL:

CONNECT ENERGY ABSORBED BY EARTH'S SURFACE TO TEMPERATURE AND SURFACE ICE CHANGES, TO INTRODUCE THE SIM THAT STUDENTS WILL USE THROUGHOUT THE UNIT, AND TO COUNTER A COMMON INACCURATE CLAIM ABOUT THE CAUSE OF CLIMATE CHANGE.

CLASSWORK-

- **EARTH'S CHANGING CLIMATE 1.4**
- STUDENTS PARTICIPATE IN A WHOLE-CLASS DISCUSSION OF THE CLAIMS THEY GENERATED IN THE PREVIOUS LESSON ABOUT WHY ICE ON EARTH'S SURFACE IS MELTING. THEY THEN FOCUS ON INVESTIGATING CLAIMS ABOUT CHANGES TO THE ATMOSPHERE BY ANSWERING THE QUESTION, WHAT KINDS OF CHANGES TO THE ATMOSPHERE COULD INCREASE ENERGY ABSORBED BY THE SURFACE?
- THROUGH AN ACTIVITY IN THE SIM, STUDENTS MANIPULATE AMOUNTS OF DIFFERENT GASES AND OBSERVE THE RESULTS IN ORDER TO LEARN ABOUT HOW GASES AFFECT EARTH'S TEMPERATURE.

HOMEWORK-

- COMPLETE SECTION 1.4.5 HOMEWORK.