

# Science

APR. 30, 2018

DAY 4/144



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

REVIEW KEY IDEAS IN PREPARATION FOR DEEPER LEARNING ABOUT OUR CHANGING CLIMATE.

## **CLASSWORK-**

- **EARTH'S CHANGING CLIMATE 2.6**
- STUDENTS EXPLORE HOW ENERGY INTERACTS WITH CARBON DIOXIDE AND METHANE IN THE ATMOSPHERE.
- THEY ARE INTRODUCED TO A NEW FEATURE IN THE SIM CALLED ENERGY TRACKER, WHICH TRACES THE PATHWAY OF INDIVIDUAL ENERGY ARROWS.
- USING THIS FEATURE, STUDENTS OBSERVE THAT BOTH CARBON DIOXIDE AND METHANE ABSORB OUTGOING ENERGY, AND THAT WHEN THE ENERGY IS REEMITTED, IT SOMETIMES TRAVELS BACK TO EARTH'S SURFACE. STUDENTS THEN USE THE ENERGY TOKEN MODEL TO INVESTIGATE HOW THESE INTERACTIONS AFFECT THE ENERGY BALANCE IN THE EARTH SYSTEM..

## **HOMEWORK-**

- COMPLETE THE SECTION 2.6.4 HOMEWORK FOR TODAY'S LESSON.
- STUDY THE EARTH'S CHANGING CLIMATE VOCABULARY TERMS ON QUIZLET.