

Science

APR. 20, 2018

DAY 2/138



AT THE END OF TODAY'S LESSON YOU WILL:

THINK ABOUT ENERGY—TRACKING THE AMOUNT THAT ENTERS AND EXITS A SYSTEM—THAT WILL HELP STUDENTS EXPLAIN THE MECHANISM BY WHICH CLIMATE CHANGE OCCURS.

CLASSWORK-

- **EARTH'S CHANGING CLIMATE 2.1**
- STUDENTS ARE INTRODUCED TO THE IDEA THAT ENERGY BOTH ENTERS AND EXITS THE EARTH SYSTEM.
- WHEN THE AMOUNT OF ENERGY ENTERING AND EXITING IS THE SAME, THE SYSTEM IS STABLE. HOWEVER, IF THIS FLOW OF ENERGY BECOMES UNBALANCED, WITH EITHER MORE OR LESS ENERGY ENTERING THAN EXITING, THE SYSTEM EXPERIENCES CHANGE.
- STUDENTS APPROACH THIS CONCEPT THROUGH A HANDS-ON PHYSICAL MODEL, A VIDEO, AND AN INVESTIGATION IN THE SIM.

HOMEWORK-

- COMPLETE SECTION 2.1.4 REFLECTING ON ENERGY ACTIVITY.
- STUDY THE EARTH'S CHANGING CLIMATE VOCABULARY TERMS ON QUIZLET.