

SCIENCE

NOV. 28, 2017

DAY 1/57



AT THE END OF TODAY'S LESSON YOU WILL:

- SYNTHESIZE THEIR KNOWLEDGE OF NATURAL SELECTION AND MALARIA IN ORDER TO UNDERSTAND HOW MALARIA TREATMENTS CAN SHIFT THE DISTRIBUTION OF TRAITS FOR DRUG RESISTANCE IN A POPULATION OF MALARIA PARASITES.

CLASSWORK-

- **NATURAL SELECTION ENGINEERING INTERNSHIP 3.**
- CONTINUE IN THE RESEARCH PHASE, AND FOCUS MORE ON HOW DRUG RESISTANCE OCCURS IN PARASITE POPULATIONS AND HOW THE CHOICES BIOMEDICAL ENGINEERS MAKE FOR DRUGS USED IN MALARIA TREATMENTS AFFECT THE OVERALL DISTRIBUTION OF TRAITS FOR DRUG RESISTANCE IN THESE POPULATIONS.
- INTERNS RE-WATCH THE NATURAL SELECTION IN MALARIA ANIMATION SEGMENT AND READ MORE ABOUT DRUG RESISTANCE. USE THE MALARIAMED DESIGN TOOL IN ORDER TO INVESTIGATE THE EFFECT OF USING ONE DRUG ON LONG-TERM DRUG RESISTANCE, AND THEN DISCUSS THE PROS AND CONS OF EACH DRUG TYPE.

HOMEWORK-

- NSEI 3 HOMEWORK.