FEBRUARY 23—FEBRUARY 27

MS. AUDREY– SCIENCE

HONORS ACADEMY OF LITERATURE

Common Core State Standards

- MS-LS2-4. Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
- MS-LS1-4. Use argument based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively.
- MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.
- MS-LS2-5. Evaluate competing design solutions for maintaining biodiversity and ecosystem services.*

In-class Graded Assignments

- **Infectious disease and population growth**
- **Biodiversity**
- **Weekly Journal Entry**

Homework Graded Assignments

- **Supplement unfinished lab-work at home.**

Objectives and Validation

- Objective: Students will be able to make connections between population growth and the spread of infectious disease.

  Measure: teacher observation, lab reports, and weekly journals.
- Objective: Students will be able to reason logically about how to best support biodiversity in a given ecosystem.

  Measure: teacher observation, lab reports, and weekly journals.

Mini-Lesson Topics

Patient zero
Population growth
Biodiversity

* See your child's Developmental Education Plan for one-on-one and small group instruction