

**Davison Community Schools**  
**Microbiology**

**Course Outline**

Unit 1: History of Microbiology & Laboratory Techniques (29 Days)

Unit 2: Microscopes & Stains (21 Days)

Unit 3: Prokaryotic & Eukaryotic Cells (10 Days)

Unit 4: Growth & Culturing of Microorganisms (9 Days)

Unit 5: Sterilization, Disinfection, & Antimicrobials (8 Days)

Unit 6: Host-Microbe Relationships and Epidemiology (8 Days)

**Priority Standards**

HS-LS4-4	Construct an explanation based on evidence for how natural selection leads to adaptation of populations.
HS-LS4-5	Evaluate the evidence supporting claims that changes in environmental conditions may result in (1) increases in the number of individuals of some species, (2) the emergence of new species over time, and (3) the extinction of other species.