



America's Greatest History Attraction

## CURRICULUM CONNECTIONS

### Life Requirements: Teacher Packet

(<http://www.thehenryford.org/education/erb/LifeRequirementsTeacherPacket.pdf>)

Elementary School Teacher Packet. Showcases the Ford Rouge Factory Tour as it explores how the needs of plants and animals in an ecosystem can be impacted by humans.

### Michigan Science Grade Level Content Expectations

#### Grade 2

L.OL.02.14 Identify the needs of plants.

#### Grade 3

L.OL.03.41 Classify plants on the basis of observable physical characteristics (roots, leaves, stems, and flowers).

E.ES.03.52 Describe helpful or harmful effects of humans on the environment (garbage, habitat destruction, land management, renewable, and non-renewable resources).

#### Grade 4

L.OL.04.15 Determine that plants require air, water, light, and a source of energy and building material for growth and repair.

L.OL.04.16 Determine that animals require air, water, and a source of energy and building material for growth and repair.

L.EC.04.11 Identify organisms as part of a food chain or food web.

L.EC.04.21 Explain how environmental changes can produce a change in the food web.

#### Grade 5

L.EV.05.12 Describe the physical characteristics (traits) of organisms that help them survive in their environment.

### National Science Content Standards

Life science

Science and technology

Science in personal and social perspectives

History and nature of science