Applicable State of Michigan Grade Level Content Expectations (GLCEs)

Below is a list of content standards, statements, and grade level expectations applicable to the program “Land, Life, and People: Making Connections.”

Grade Level 7
Note: No GLCE Science Standards are available for Grade 8

Michigan Grade Level Content Expectations: Science

- **Discipline 1: Science Processes**
  - **K-7 Standard:** Inquiry Analysis and Communication (IA)
    - **Grade 7 Expectations:**
      - S.IA.07.12 Evaluate data, claims, and personal knowledge through collaborative science discourse.
  - **K-7 Standard:** Reflection and Social Implication (RS)
    - **Grade 7 Expectation:**
      - S.RS.07.12 Describe limitations in personal and scientific knowledge.
      - S.RS.07.13 Identify the need for evidence in making scientific decisions.
      - S.RS.07.17 Describe the effect humans and other organisms have on the balance of the natural world.
      - S.RS.07.18 Describe what science and technology can and cannot reasonably contribute to society.

- **Discipline 4: Earth Science**
  - **K-7 Standard:** Earth Systems (ES)
    - **Grade 7 Expectation:**
      - E.ES.07.41 Explain how human activities (surface mining, deforestation, overpopulation, construction and urban development, farming, dams, landfills, and restoring natural areas) change the surface of the Earth and affect the survival of organisms.
      - E.ES.07.82 Analyze the flow of water between the components of a watershed, including surface features (lakes, streams, rivers, wetlands) and groundwater.