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Lesson Guide and Applicable Michigan Social Studies Standards and Content Expectations for 2nd and 3rd Grades

ANN ARBOR, MICHIGAN: ARGO DAM AND THE HURON RIVER (1908)

This *TimeShift* episode takes students on a virtual field trip to the Argo Dam on the Huron River in Ann Arbor. The dam is one of nearly a dozen dams currently on the river, as it flows for 130 miles (210 km) through five counties in Southeast Michigan on its way into Lake Erie. The environmental impact of dams, including the Argo Dam, has long been, and still remains, a public issue for debate among citizens, scientists, and policymakers.

The *TimeShift* focuses on how the Argo Dam transformed the river and this area of Ann Arbor. Argo Mills harnessed the river's energy to grind grain into flour. Then, from 1905 through 1959, it was one of four dams repurposed by the Detroit Edison Company to generate hydroelectric power for Ann Arbor and the University of Michigan. Ice from the man-made Argo Pond was also harvested and used to keep food items from spoiling.

Individuals and groups using the river for various reasons are discussed throughout this episode. They include:

- the Indigenous Peoples who gave up their land along the river.
- John Allen and his wife Ann Allen, for whom the city is reportedly named.
- the University of Michigan Rowing Team, that trained on Argo Pond.
- the many outdoor enthusiasts, who engage in hiking, fishing, boating, and tubing in this natural area.

Applicable Social Studies Standards

- Living and Working Together
- Michigan History
- Market Economy
- Identifying and Analyzing Public Issues
- The World in Spatial Terms
- Places and Regions
- Human Systems
- Environment and Society

<u>Applicable Michigan Social Studies Standards</u> and Content Expectations for 2nd and 3rd Grades

HISTORY

H2 Living and Working Together in Communities

- 2 H2.0.1 Demonstrate chronological thinking by distinguishing among years and decades using a timeline of local community events.
- 2 H2.0.3 Explain how individuals and groups have made significant historical changes.
- 2 H2.0.4 Describe changes in the local community over time.
- 2 H2.0.6 Construct a historical narrative about the history of the local community from a variety of sources.

H3 The History of Michigan (Through Statehood)

- 3 H3.0.9 Describe how Michigan attained statehood.
- 3 H3.0.10 Create a timeline to sequence and describe major eras and events in early Michigan history.

ECONOMICS

E1 Market Economy

- 2 E1.0.2 Describe how businesses in the local community meet the economic wants of consumers.
- 2 E1.0.3 Describe the natural, human, and capital resources needed for production of a good or service in a community.
- 2 E1.0.4 Use examples to show that people cannot produce everything they want (specialization) and depend on trade with others to meet their wants (interdependence).
- 3 E1.0.3 Analyze how Michigan's location and natural resources influenced its economic development.
- 3 E1.0.4 Describe how entrepreneurs combine natural, human, and capital resources to produce goods and services in Michigan.

PUBLIC DISCOURSE, DECISION MAKING, AND CIVIC PARTICIPATION

P3.1 Identifying and Analyzing Public Issues

3 – P3.1.1 Identify public issues in the local community that influence people's daily lives.

GEOGRAPHY

G1 The World in Spatial Terms

- 2 G1.0.3 Use maps to describe the location of the local community within the state of Michigan in relation to other significant places in the state.
- 3 G1.0.1 Use cardinal directions (north, south, east, west) to describe the relative locations of significant places in the immediate environment.
- 3 G1.0.2 Use thematic maps to identify and describe the physical and human characteristics of Michigan.

G2 Places and Regions

2 - G2.0.2 Describe how the local community is part of a larger region.

G4 Human Systems

- 2 G4.0.2 Describe the means people create for moving people, goods, and ideas within
- 3 G4.0.1 Describe major kinds of economic activity in Michigan today, such as agriculture, forestry, manufacturing, services and tourism, and research and development, and explain the factors influencing the location of these economic activities.

G5 Environment and Society

- 2 G5.0.1 Suggest ways in which people can responsibly interact with the environment in the local community.
- 2 G5.0.2 Describe positive and negative consequences of changing the physical environment of the local community.
- 3 G5.0.1 Describe how people are a part of, adapt to, use, and modify the physical environment of Michigan.
- 3 G5.0.2 Locate natural resources in Michigan and explain the consequences of their use.