

Data Citizens of Western New York Links and Tools

DCWNY Story Map: [Data Citizens WNY \(D'Youville College\) \(arcgis.com\)](#)

DCWNY Website: [Data Citizens Grant | D'Youville | DCWNY \(dyouville.edu\)](#)

Freedom Walk at Broderick Park StoryMap: [Freedom Walk Pathway Tour \(arcgis.com\)](#)

Erie Canal Lesson:

We created a locally based lesson following the same format as one of ESRI's GeoInquiries.

Framework Alignment:

Key Idea: 11.3 EXPANSION, NATIONALISM, AND SECTIONALISM (1800 – 1865): As the nation expanded, growing sectional tensions, especially over slavery, resulted in political and constitutional crises that culminated in the Civil War. (Standards: 1, 3, 4, 5; Themes: TCC, GEO, GOV, ECO, TECH)

Content Specifications: 11.3a American nationalism was both strengthened and challenged by territorial expansion and economic growth.

Students will examine the market revolution, including technological developments, the development of transportation networks, the growth of domestic industries, the increased demands for free and enslaved labor, the changing role of women, and the rise of political democracy.

Task Model for MCQs: 1, 2, 4, 6, 8 & 13

Erie Canal Map: [The Erie Canal and New York Population 1800-1850 \(arcgis.com\)](#)

Ask:

- Where is the Erie Canal Located?
 - Click on the Erie Canal layer to begin.
- Where is the canal?
- What geographic features are near the canal?

Acquire:

- What geographic factors played a role in where the Erie Canal was located?
 - Turn on the Hudson River layer.
- What role did the Hudson River play in the development of the Erie Canal?
- What other feature played a role in the Erie Canal?
- Explore What is the benefit to the canal's location?
- What kinds of things do canals do?

Analyze:

- Why would you want to link two locations with a canal?
 - Look at the areas where the canal goes through.
- What are the two locations that are linked by the end points of the canal?
- What is the benefit of linking these two locations?

Act:

- How did population change over time in Western New York with the canal in place?
- Turn on the 1800 County Population layer located at the bottom of the layers.
- Turn on the next decades county population layer.
 - Continue adding population layers.
- What changes in population do you see?
- How much population change is there in Erie County?
- Why is this important?

Civic Partners

Buffalo Niagara Waterkeeper: <https://bnwaterkeeper.org/>

Division of Citizen Services: [Citizen Services Division | Buffalo, NY \(buffalony.gov\)](#)

Friends of Broderick Park: [Friends Of Broderick Park - Home | Facebook](#)

Buffalo Sewer Authority: [BSA – Buffalo Sewer Authority](#)

Vision Niagara: [Vision Niagara | A Vision for Niagara Street: Where We Love to Live, Work, and Play](#)