

History

- The child learned about the history of the Soo locks, including their construction and significance in the transportation of goods between Lake Superior and the other Great Lakes.
- They gained knowledge about the economic impact of the Soo locks on the surrounding areas and the importance of the locks in facilitating trade and commerce.
- The child learned about the historical significance of the Upper Peninsula of Michigan and its role in the development of the United States.

Math

- The child observed and analyzed the practical application of mathematical principles in the operation and maintenance of the Soo locks, such as calculating water levels and determining the dimensions of the locks.
- They learned how mathematical concepts like measurements and calculations are essential in engineering projects like the Soo locks.
- The child also gained an understanding of the mathematical concept of scale and its importance in creating accurate representations of structures like the locks.

Science

- The child learned about the scientific principles behind the functioning of the Soo locks, including concepts related to hydraulics, water flow, and gravity.
- They observed the physical properties of water and its role in balancing the water levels in the locks.
- The child also gained insights into the environmental impact of the locks and the measures taken to mitigate any negative effects on the ecosystem.

Social Studies

- The child gained an understanding of the cultural and social aspects of the Upper Peninsula of Michigan, including the indigenous communities and their history.
- They learned about the impact of the Soo locks on the local communities and the social dynamics of the region.
- The child also developed an appreciation for the diverse heritage and traditions of the area.

Continued development related to the activity can include researching more about the history and engineering behind the Soo locks, exploring other significant landmarks in the Upper Peninsula, or even planning a virtual field trip to other notable sites in Michigan. Additionally, the child can engage in discussions or presentations about the economic and environmental aspects of the locks, encouraging critical thinking and analysis.

Book Recommendations

- [The Great Lakes: The Natural History of a Changing Region](#) by Wayne Grady: Explores the geological, ecological, and historical aspects of the Great Lakes, providing a broader understanding of the region where the Soo locks are located.
- [The Building of the Soo Locks](#) by Kathy-jo Wargin: A children's book that tells the story of the construction of the Soo locks and their significance in connecting Lake Superior to the other Great Lakes.
- [Michigan: A History of the Great Lakes State](#) by Bruce A. Rubenstein and Lawrence E. Ziewacz: Provides a comprehensive overview of Michigan's history, including the development of the Upper Peninsula and the role of the Soo locks in the state's growth.

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