

Core Skills Analysis

History

- Learned about the history of canal locks and their importance in transportation.
- Understood the concept of water elevation and how it affects the movement of boats.
- Explored the historical significance of the Bingley Five Rise Locks in particular.
- Compared and contrasted modern transportation methods with historic canal systems.

Geography

- Identified the geographical location of the Bingley Five Rise Locks on a map.
- Studied the impact of canals on connecting different regions and facilitating trade.
- Examined the topographical features that allow for the operation of the locks.
- Explored how the surrounding geography influenced the construction of the locks.

Tips

After the visit to Bingley Five Rise Locks, encourage students to create their own miniature canal systems using household items like containers, straws, and water. This hands-on activity can deepen their understanding of water transportation and engineering concepts in a fun and interactive way. Additionally, prompt them to research other famous canal systems around the world and create presentations or posters highlighting their unique features.

Book Recommendations

- [The Erie Canal](#) by Peter Spier: This illustrated book follows the construction and impact of the Erie Canal, providing insights into the world of waterways and transportation.
- [Canals and Dams: Investigate Feats of Engineering](#) by Andrew Solway: An educational book that delves into the engineering marvels of canals and dams, offering interactive experiments and insights for young readers.
- [The Life of a River](#) by Allan Fowler: Explores the journey of a river from source to mouth, touching upon topics like erosion, transportation, and the role of locks and dams in water navigation.