



All About Steamboats

Below we have provided a number of research projects for each of the videos found on this site: http://www.steamboatexplorer.org/Introduction_to_Steamboats.html

Introduction to Steamboats

1. Who was James Watt?
2. What are the three main parts of a steam engine?
3. What vehicles were used to ship products before the invention of the steamboat?
4. What advantages did the steamboat have over sail powered boats?

Operation of the Walking Beam Steam Engine

1. How is steam generated?
2. How many cylinders does the Ti engine have?
3. Steam enters the top and bottom engine cylinder through what devices?
4. Where does the water come from that is used to cool the steam?
5. What does the eccentric rod do?
6. What two functions does the movement of the walking beam serve?
7. What two principles are used in causing the cylinder engine to rise and fall?

A Walk Back In Time – Tour Aboard the Steamboat Ticonderoga

After viewing *A Walk Back In Time* find the answers to the following questions:

1. List the main areas found on a typical steamboat.
2. What objects did you observe on the freight deck?
3. Describe the dining room.
4. What did the Purser do?
5. How many wheels did you observe in the Pilot House?
6. What kind of stove did they have in the Galley?
7. Describe the Saloon.
8. What part of the Steamboat did you like best?

