

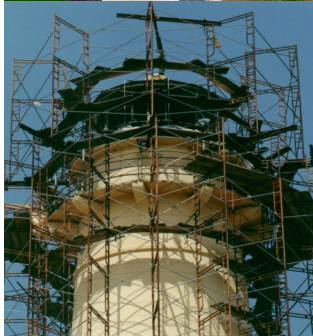


Family Field Trip



Science

Take a break from the dining room table to explore New Jersey's tallest and the country's third tallest masonry lighthouse! Our new **Family Field Trip** is designed to educate using the **STEAM** set to develop curiosity and learning around the amazing simplicity and design of historic coastal beacons. This trip also includes a climb of the 228 steps to the top for exercise, as well as an outdoor **Scavenger Hunt** for fresh air.



Technology

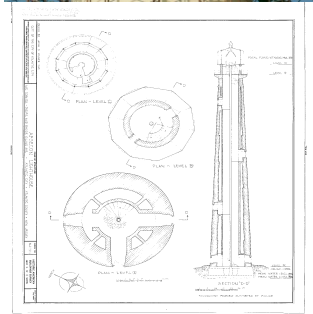
SCIENCE What makes the light reach 19.5 nautical miles out to sea? Why does glass refraction amplify light?

TECHNOLOGY Are lighthouses the precursors to today's GPS systems? What does paint have to do with saving lives at sea?

ENGINEERING What is holding the 12,800 pound lens up at the top? Why does a lighthouse sway in the wind?

ARTS Is lightkeeping a physical art form? Why are artists inspired by lighthouses?

MATH Why is the lighthouse shaped like a cone? How much oil was used to keep the light shining and how would a lightkeeper tell how much to use?



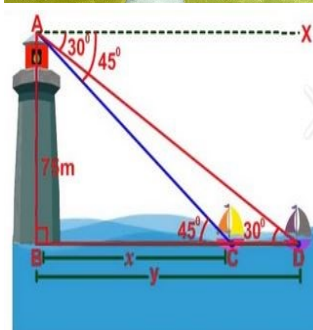
Engineering

Find out the fascinating answers to these questions as your family explores the rich history of Absecon Lighthouse and enjoys time together in a learning environment by the sea.



Arts

Fees: \$10 per adult, \$6 per child.
Schedule: Program runs on Mondays and Thursdays at 11am and 1pm.
Reservations: Call 609-449-1360 for information, reservations and prepayment.



Math