



Cyrus Field's Big Dream:
The Daring Effort to Lay the First Transatlantic Telegraph Cable
by Mary Morton Cowan

Calkins Creek, 2018

ISBN 978-1-62979-556-0 (hardcover)

ISBN 978-1-68437-142-6 (eBook)

— for readers ages 10 and up —

CURRICULUM CONNECTIONS

Content Areas

Categories / Activities

- Language Arts
 - READING: biography of a notable American
 - WRITING: book reports, journals, letters
 - RESEARCH: resource notes, selected bibliography
- Science and Technology
 - Pioneering use of underwater electric cables
 - Development of the scientific method
 - Development of the field of electricity and magnetism
 - Compare Cyrus Field's undersea cable with today's methods of instant communication
 - Telegraphy
 - Uses of Morse Code
 - Naval architecture
 - PHYSICAL SCIENCE: weather/climate
- Mathematics
 - Recording and analyzing data
 - Calculations
 - Comparing statute miles and nautical miles
 - Estimating and measuring distances, time, and weights
 - Comparing currencies
- Social Studies: History
 - Chronology 1819-1866
 - Civil War
 - Nineteenth century urban development and expansion in the U.S.
 - U.S. relations with Canada and Great Britain
- Social Studies: Geography
 - North America and the British Isles
 - Oceans and land masses
 - The Atlantic Ocean, including ocean floor
 - Using latitude and longitude to locate global positions