



Captain Mac: *the Life of Donald Baxter MacMillan, Arctic Explorer*

by Mary Morton Cowan

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— 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
Development of scientific research in 20th century
Compare MacMillan's scientific research with today's methods
Pioneering use of radio and aircraft in the Arctic
Use of photography
Compare the North Pole with the South Pole
Naval architecture
PHYSICAL SCIENCE: geology, weather, climate change, ice, magnetic poles, ionosphere
LIFE SCIENCE: ecosystems, Arctic plants, animals, birds, taxidermy
- Social Studies: History
Chronology 1874-1970
World Wars I and II
Arctic explorers and exploration
Civil rights
- Social Studies: Geography
North America and Greenland
The North Pole
Mapping coastlines
Oceans and land masses
- World Languages
Compare and contrast cultural practices and perspectives with our own (Inuit, Inughuit, Naskapi Innu)
- Mathematics
Recording and analyzing data

**Winner, National Outdoor Book Award and other honors
Recommended by National Science Teachers Association**