Teaching Visual Literacy with Maps

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https://iu.box.com/visual-literacy
- Introduction
- Model instruction
  “Cartography as a Visual Tradition”
- Model mental mapping activity
  “My Top 10 Indiana Attractions”
- Breakout group activities
- Discussion
ACRL Framework for Information Literacy in Higher Education

Frames
• Information Creation as a Process
• Authority is Constructed and Textual
Medieval world maps: Mappae Mundi
Ebsdorf Mappa Mundi (ca. 1235)
360 x 360 cm, painted on 30 goat skins
Power of a profoundly religious world view

Psalter world map (ca. 1265)

Bünting Clover Leaf Map (1581)
Mapping the actual physical world: Portolano charts

Piri Reis (1470-1553) is the author of the Kitab-i Bahriye (= Book of Navigation). The revised edition of 1525 included 290 maps.

Harbor of Alexandria, Egypt

Island of Sicily, Italy
Piri Reis
Map of Europe, 1525

World map fragment, 1513
Carta marina by Olaus Magnus (1490-1557), first published in 1539. A remarkably large map, 125 cm tall and 170 cm wide, it depicts an amazing variety of sea monsters.
The 16th century: Gerardus Mercator (1512-1594), cartographer extraordinaire, and the rise of mathematically correct maps
Mercator’s world map (1569) “ad usum navigantium”

Mercator projection
The 17th & 18th centuries: Science underpins mapping Better instrumentation
19th century: Emergence of government-funded mapping agencies that mass produce maps

Indiana Geological Survey
Physiographic regions of Indiana

United States Geological Survey
1:250,000 quadrangle map of Ft. Wayne region
20th century: Modern toys
Aerial photography  Satellite images
Nonwestern cartographic traditions:
A traditional Japanese pictorial map, a pilgrimage map, depicting the route and location of lodges and temples. It faithfully records houses and even trees at key locations. Distances between stops are given by numerical markings, as scale was not generally used.
The End

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Venice, 1525
Piri Reis
For further reading: