

Reading a Paper Map

Geographic map is a 2-dimensional representation of the world or its parts. Most modern professionals rely on using geographic information in their practices either to navigate from location to location (transportation), or to visualize various reports (survey statistics).

Helper's Guide

Answers to Learning by Doing exercises

Question	Answer
A How many schools are in the area represented?	7
B Who did create the map?	Brandon Garrett
C What is the title of the map?	Deficient Area: New park Sites
D How many miles are represented by one scale division?	0.3 miles
E Does the map have all the key elements?	Yes
F Which school is located farthest south?	St.John's school
G Which park is located farthest east?	Kahoa Park
H In what direction would you travel from Northeast High School to Brownell School?	South
I How far north is Brownell School from Holdrege St?	0.12 miles
J How far west is Northeast High school from N.70 th St?	0.48 miles

How to Prepare

Prepare a variety of printed geographic maps and be ready to discuss their elements. An enclosed collection of PowerPoint slides can be used to supplement the in-class discussion. Any additional illustration and/or handout materials will be a plus.

Need to Emphasize

- There is a variety of uses for geographic maps.
- Every map should contain the basic components.
- Larger scale maps are used to show more details.
- Different parts of the earth have to be projected in order to appear on a 2D map.

Related Links

- <http://en.wikipedia.org/wiki/Cartography>
- <http://erg.usgs.gov/isb/pubs/teachers-packets/mapshow/>
- Designing better maps-A guide for GIS users by Cynthia A Brewer.(ESRI Press)

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