



Activity Sheet #2—Some Things You Need to Know to Read A Map

Fill in the answers to these questions as you learn more about what you need to know to read a map.

Working with directions

You can use north, south, east, and west to talk about where one place on a map is in relationship to another. Look at the **shaded relief map** to answer these questions:

On this map, which town is farthest north? _____

Which town is farthest south? _____

Which towns are farthest east? _____

Which town is farthest west? _____

If you were going from Ogden to Sandy, what direction would you travel?

If you were going from Farmington Bay to Willard Reservoir, what direction would you travel? (Hint: These are both parts of the Great Salt Lake.) _____

Echo Reservoir is _____ of Salt Lake City.

Great Salt Lake State Park is _____ of Salt Lake City.

Deer Creek Lake State Recreation Area is _____ of Salt Lake City.

West Valley City is _____ of Salt Lake City.

What direction do the Wasatch Mountains run? _____

What direction does Echo Canyon run? _____

Activity Sheet #2, page 2

Latitude and Longitude

Lines of latitude and longitude represent an imaginary grid that mapmakers have developed so they can pinpoint any place on a globe or map. Using your **topographic map**, find the latitude and longitude markings.

In which direction do latitude lines run? _____

In which direction do longitude lines run? _____

What are the latitude and longitude of Salt Lake City? _____

Working with scale

The scale of the map describes the relationship between a distance on the map and the corresponding distance on the ground. Maps have different scales. Look at the legend for the **shaded relief map**. What is the scale of this map? _____

Now look at the **road map**. What is the scale of this map? _____

Look at the **topographic map**. What is the scale of this map? _____



Activity #2, page 3

Using the distance scale

Using your ruler, measure the distance on your **road map** between the State capitol and the town of South Salt Lake. The distance is _____

Using the distance scale on the road map, figure out how many miles it is from the State capitol to Sandy. The distance is _____

Now locate the State capitol on the **shaded relief map**. Using your ruler, measure the distance on your **shaded relief map** between the State capitol and the town of Sandy. The distance is _____

Using the distance scale on the **shaded relief map**, figure out how many miles it is from the State capitol to Sandy. The distance is _____

Your answers should be the same! Can you explain why?

[Return to Lesson 2](#)

[Return to "What Do Maps Show?" Home Page](#)