Name: Date/Hour:

Map Skills Guided Notes

**Slide 1: Latitude and Longitude**

The earth is divided into lots of lines called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Slide 2: Lines**

**Longitude** lines run \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Latitude** lines run \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Slide 3: Where is 0 degrees?**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is at 0 degrees latitude.

It is half way between the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Slide 4: Where is 0 degrees?**

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is at 0 degrees longitude.

It runs through the United Kingdom, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Spain, Western Africa and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Slide 7: Hemispheres**

Using the Equator and the Prime Meridian we can split the world into 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The 4 **hemispheres** are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Slide 8:**

When dividing the world using the Prime Meridian, which hemisphere is the U.S. on? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

When dividing the world using the Equator, which hemisphere is the U.S. on? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Slide 9: Compass**

A **compass rose** shows \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on a map.

**Slide 10: Directions**

There are 2 types of directions on a compass rose. The main directions, called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, are north, east, south and west. The in-between directions, called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, are southeast, southwest, northeast, and northwest.

Label this compass rose with all 8 directions. Circle the cardinal, or main, directions.

**Slide 11: Scale**

The **Scale bar** shows \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on a map.

**Slide 13: Time Zones**

The earth is divided into \_\_\_\_\_\_\_\_\_\_\_\_ time zones.

The sun rotates during the day, moving from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Places that have the same \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will be in the same time zone.

**Slide 15: Map Legends**

The map legend (or map key) shows and explains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on a map.

Draw a map key with a few of the symbols that you have seen before.