*C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0335112.wmfNOTES: “How to Find your Way” (Longitude and Latitude)*

*SLIDE #1*  (Title)

*SLIDE #2* Latitude lines split the earth into Northern and Southern \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The line representing “0 degrees latitude” is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (also called the PRIME PARALLEL).

Degrees of latitude begin at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and go up in number towards the \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*SLIDE #3* Latitude lines are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to each other. They can indicate zones of climate because of the angle of the sun, called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*SLIDE #4* Longitude lines run from \_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_; not parallel to each other.

The line representing “0 degrees longitude” is the \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Longitude lines split the earth into \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ hemispheres.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. England is a city on which all international clock time is based (in honor of the Royal Navy).

*SLIDE #5* Every degree of latitude = ~ \_\_\_\_\_\_\_\_\_ km on the ground.

*SLIDE #6* Latitude lines are uniformly spaced, and don’t ever touch. Longitude lines

touch at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . Longitude lines are \_\_\_\_\_\_\_

degrees apart, creating 24 bands around the earth.

*SLIDE #7* The Tropic lines represent places of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sunlight during summer

seasons. The Tropic of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (our summer) is at \_\_\_\_\_\_\_\_ degrees N

latitude, and the Tropic of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (our winter time) is at \_\_\_\_\_

degrees S latitude.

*SLIDE #8*

(A cartographer is a person who \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.)

Since cities and landforms don’t always land on a LAT/LONG line crossing, there is a smaller grid system inside to indicate exact locations divided into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*SLIDE #9/10* The earth has 24 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_; one for each hour of the day. Each zone is about 15 degrees in longitude. Time Zone lines also run North to South, but are not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*SLIDE #11* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ runs along the 180 degree line of longitude, and regulates calendar days aside from clock time. If you cross it going \_\_\_\_\_\_\_\_\_\_\_, you \_\_\_\_\_\_\_\_ one day. If you cross it going \_\_\_\_\_\_\_\_\_, you \_\_\_\_\_\_\_\_\_\_\_\_ a day.

*SLIDE #12*  The idea of Daylight Savings time clock changes, is really an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Decision that some countries make if they live in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

hemisphere, and want to have more light to get more \_\_\_\_\_\_\_\_\_\_\_\_\_\_ done.

*SLIDE #13* Summary: