

# Directions for Maps, Charts, And Graphs

## Climograph (p 519 in Social Studies book)

- Temperature – average monthly in a line graph (on top)
- Precipitation – average monthly in a bar graph (under the temperature graph)
- Map title

## Outline map - physical/political map - trace from encyclopedia

Include:

- Outline your state including a small part of the bordering states or water
- Put a map title on your map
- Label your state and the bordering states or water
- Draw and label major rivers, lakes, mountains
- Use a star for the capital city and dots for 3 other **major** cities, then label
- Color your state ONLY according to the key you are using (ex. Florida has Evergreen trees, Deciduous trees, and Grass as its key)
- Map scale – copy from map you traced
- Key – make sure you include a symbol for each item on your map and the words to describe the symbol

## Product map – (p 309 in Social Studies book) After researching the Economy section of your state resources

- Outline your state
- Put a map title at the top
- Pick 2 or 3 natural resources, and 2 or 3 agricultural products, and 2 or 3 manufactured goods to make a small product symbol
- Draw those symbols on map where appropriate
- Construct a key with symbols and what they stand for

## Circle or Pie Graph – After researching the Population section of your state resources

- Make a circle and be sure to include a light pencil mark for the exact center of the circle
- Put a Graph Title at the top of the page
- Use percentages of ethnic groups from your note cards
- Make sure your percentages add up to 100% before you begin
- Mathematical process is:
  1. Change the percentages to decimals (example  $5\% = 0.05$ ,  $15\% = 0.15$ )
  2. Multiply the decimals for each times 360 degrees (example  $0.05 \times 360 = 18$  degrees,  $0.15 \times 360 = 54$  degrees)
  3. Using a protractor, measure and mark the correct number of degrees
  4. Label each section of circle or pie graph with correct name of ethnic group