

Math 105 – Assignment 1  
Due Wednesday, January 14, 2009

1. Print out a copy of the course syllabus and schedule. Both can be found at [www.cerritos.edu/mclarke](http://www.cerritos.edu/mclarke). Read both. Be prepared for a syllabus quiz on Wednesday.
2. Print out a copy of the NCTM Content Standards for Data Analysis and Probability grade bands K-2, 3-5, and 6-8, and the California Standards for Statistics, Data Analysis and Probability. (See email for more explicit instructions.) Read these standards, then
  - (a) Find one or two standards that applied to our work on Monday. Explain how you think they applied.
  - (b) Make a list of at least 10 items from the NCTM and CA standards for Data Analysis and Probability that you would like to understand better before you start teaching.
3. Reflect: Make up one sentence that describes the activity “*Fair or Unfair?*” and its mathematical content. Be prepared to share and discuss your sentence.
4. Collect some data: Find 10 to 20 nickels lying around your house, purse, wallet or pocket, and record the year on the penny and the letter representing its mint location.
5. Read and annotate the article *Making Charts*.