This week, there is a lot of reading but almost no "math" or anything technical. Part of your goal is to get acquainted with the book and CyberStats, and with how the course will run.

Get acquainted with the textbook, *Mind On Statistics*. Here are some features to notice:
- *"Basics" exercises* – these are straightforward exercises to test your basic understanding and skills. There are several for each section of each chapter of the book. (Exercises are at the end of each chapter.) The "Basics" exercises are identified by a .green dot ●.
- *Exercises with answers in the back of the book (on pages 738 – 750)* – there are several of these exercises for each section of the book, including some of the "Basics" exercises. Exercise numbers are in **bold** if the answer is in the back. If only some of the parts have answers, then the exercise number and the letter for those parts only are bold.
- A video of someone explaining many of the examples in the book is available on the "Interactive Video Skillbuilder" CD that came with your book. These examples are identified in the book with a note saying "Watch the video…" (See pg 98 for 2 examples.)
- The "Student's Suite CD" with your book has Journal articles to accompany some examples (identified with a margin note, "Read the original source on your CD"; see pg 20 for an example), data sets, technology manuals and some applets from CyberStats.

Get acquainted with CyberStats. It is divided into "Units" that cover smaller chunks of material than the book chapters. Each unit has several parts, such as "Basics" "Uses" "Unit Review" and so on. You will be given guidance on which units to study each week, and where to put your focus within those units. In addition to providing a secondary source for reading about the topics, the most useful features of each CyberStats unit are:
- A self-assessment quiz. After taking the quiz and submitting your answers, you are given immediate feedback about how you scored.
- Practice exercises for every page or two of material, with immediate access to answers.
- A Unit Review, listing concepts, skills, warnings and formulas for that unit.
- Interactivities that help you practice the concepts you are studying.

For each unit, I will provide suggestions in these "Notes" for where to focus, and what interactivities to explore. Make sure you *understand the purpose and lesson* of the interactivity.

Reading and Study Assignment for this week:

Book Chapter or CyberStats Unit to Read	Focus on:
Chapter 1: Statistics Success Stories	All (it's very short!)
Chapter 3: Sampling and Surveys	All
Chapter 4: Gathering Useful Data	All
Unit A2: Overview of Sampling	Unit Review
Unit A3: Overview of Experiments and Observational Studies	Self assess quiz and Unit Review
Unit A4: Population vs. Sample	Basics 1 and Self assess quiz

Interactivities to play with *and understand*: Unit A3, Uses 1; Unit A4, Uses 3 (*this is also on the CD in the back of the book, and described in Chapter 3, pgs 103-106*)

Exercises to hand in (due Oct 9 at the start of class):
Chapter 1: 9, 20   **Chapter 3**: 15cd, 23, 63, 98   **Chapter 4**: 1ab, 2ab, 5a, 13, 18ab, 20, 54
[Note: "Chapter 1: 9, 20" indicates that in Chapter 1 you are to do Exercises 1.9 (page 9) and 1.20 (on page 10), etc.]