

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

## GIANCOLI READING ACTIVITY

### Sections 1-5 to 1-6

1. Objectives for Sections 1-5 and 1-6:
  - a. MA.912.S.1.2: Determine appropriate and consistent standards of measurement for the data to be collected in a survey or experiment.
  - b. State the meaning of “unit” and “standard” and the difference between the two.
  - c. State the primary SI units.
  - d. Use conversion factors to convert units.
2. Read sections 1-5 to 1-6 in your textbook.
3. Use the Cornell Notes system to take notes on the lesson material. You have the following options:
  - a. You can print multiple copies of one of the forms on the following pages of this document and handwrite your notes.
  - b. You can use the MS Word form supplied below and type your notes.
    - i. You can then print your work and submit a hardcopy, or
    - ii. You can upload your completed work to FOCUS. If you choose this option, you must use a filename in the format, “LastnameFirstinitialPerXAsgmtName”. For example, “SmithKPer4ReadActT9-3.doc”
  - c. You can take notes on notebook paper using the Cornell Notes format and submit the hardcopy.
4. When using this form, remember the **Five R’s of Notetaking**:
  - a. **Record** – the most important or emphasized information
  - b. **Reduce** – and synthesize information wherever possible, making it as concise as you can
  - c. **Recite** – read your notes out loud
  - d. **Reflect** – and consider how this information is connected to your personal experiences and what you already know
  - e. **Review** – look over your notes more than once
5. As a minimum, you must include notes on the following topics:
  - a. unit
  - b. length/meter
  - c. time/second
  - d. mass/kilogram
  - e. Système International (SI)
  - f. cgs system

- g. British engineering system
  - h. conversion factor
6. Answers may be typed or neatly printed. You do not need to include this page of instructions with your assignment.
7. **Note: The following computer skills should be practiced:**
- a. *Use Microsoft Equation to type any equations.*
  - b. *Drawings may be freehand, but try to make use of the ‘Shapes’, ‘Insert Picture’ or ‘Insert Clipart’ functions of MS Word.*
  - c. *A reading assignment may contain drawings that would be useful in your notes. If you have scanning capability, you should practice scanning pictures and inserting them into documents. As you prepare for college, you should consider investing in a desktop printer-scanner-copier.*
  - d. *Just remember that for formal reports you have to cite any images that you insert into your document. You don’t have to cite scanned images for this exercise unless you use a source other than the textbook.*

**CORNELL NOTES** and the 5 R's

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Name:

Date:

Topic:

Questions/Key Points	Notes
<b>SUMMARY:</b>	

