Project 2 Measurement Group Work

| Name: |       |
|-------|-------|
| Date: | Hour: |

Besides working as a whole class and individually, you often will work in pairs and in small groups. It is important that you have confidence in one another, share ideas, and help each other when asked. When working in groups there are specific jobs to help the work run smoothly.

| Job      | Responsibility                                  |
|----------|---|
| Manager  | Recommends data gathering methods and units     |
|          | of measure. Communicates with the teacher on    |
|          | behalf of the group. Keeps group on task and on |
|          | time. Fills in for a missing worker.            |
| Reporter | Performs the actual measurement. Speaks         |
|          | clearly to report data to the group-most        |
|          | especially the recorder                         |
| Recorder | Records measurements and shares information     |
|          | with group members. Not necessarily the one     |
|          | with the best writing, but maybe one who can    |
|          | write quickly.                                  |
| Reader   | Reads the questions out loud to the group.      |
|          | Works with the manager to keep group on task to |
|          | get the work done.                              |

## Project 2

Before starting, everyone in your group should change roles.

Manager:

Reporter:

Recorder:

Reader:

The Reader now reads all problems and directions for Project 2

Measure the circumference (distance around) of the thumb and wrist of each person in your group. Record your data in the table below.

| Name | Thumb Circumference | Wrist Circumference |
|------|---------------------|---------------------|
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Combine your data of thumb and wrist circumferences with the data from other groups and record them in the Class Data Table. *Recorder will do that on the poster.* 

- 1. Based on the class data, what relationship, if any, do you see between the wrist and thyb size of a person?
- 2. In the novel <u>*Gulliver's Travels*</u>, the Lilliputians mad clothes for Gulliver. The estimated that twice around the thumb is once around the wrist and twice around the wrist is once around the neck.
- 3. Does the first part of this statement seem true for your class data? Why or why not?
- 4. Describe how you could check the second part of the Lilliputians' estimate.

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| Name | Thumb Circumference | Wrist Circumference |  |  |
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