

# Now That's Using Your Head!

Name \_\_\_\_\_

Instructor \_\_\_\_\_

Class \_\_\_\_\_ Per. \_\_\_\_\_

Date \_\_\_\_\_ Code \_\_\_\_\_

**Purpose:** To determine how your height compares to the circumference of your head.

**Materials:** Metric tape measure, calculator, highlighter

**Hypothesis:** I predict my height is \_\_\_\_\_ times greater than the circumference of my head at its widest point.

**Procedure:** Use a Metric tape measure to gather the following data

- |   | ESTIMATE | ACTUAL   | DIFFERENCE |
|---|----------|----------|------------|
| 1. Your height  | _____ cm | _____ cm | _____ cm   |
| 2. Circumference of your head.  | _____ cm | _____ cm | _____ cm   |
| 3. Ratio of height to head circumference  | _____ :  |          |            |
| 4. When I divide my height by the circumference of my head, I find it is _____ times greater. |          |          |            |
| 5. Our group's average (Use each member's answer for #4 to determine group's average)         |          |          |            |

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Total: \_\_\_\_\_

Average: \_\_\_\_\_

(Divide total by number of students )