

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

## Physical Science – New Technological Device

**DUE DATE: Monday, September 18<sup>th</sup>, 2017**

**TOTAL POINTS: 30**

**DIRECTIONS** - Identify the need for a new technological device. Research the problem and design a solution. Include all brainstorming notes and list the constraints (or problems) you may face. Include a sketch of your solution.

**Problem (2 pts):** \_\_\_\_\_

\_\_\_\_\_

**Research Notes (5 pts):** Has anyone else tried to solve this problem? Who? How? Has anyone tried your idea? If so, how will yours be different?

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**What will your device do? How will it solve the problem? (5 pts)**

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\_\_\_\_\_

**Materials (2 pts):** \_\_\_\_\_

**Constraints: (6 pts) – BE SURE TO LIST ALL CONSTRAINTS.**

- **Physical (2 points):**

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\_\_\_\_\_

- **Social (4 points):**

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\_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

**Draw and label a sketch of your invention below. (10 points)**