**Teacher Evaluation:
Under Pressure Prototype Presentation Grading Rubric**

***Final Evaluation***

**Student names:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Scoring 🡺** | **5 points** | **3 points** | **0 points** |
| **Team Name:****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | Is provided and relevant to task (*Example*: Bellow Beginnings) | Is provided | Is missing |
| **Problem and Purpose** | Students explain why this prototype is necessary and how it will benefit society | Students explain why this prototype is necessary | Is missing |
| **RFID Components** | Antenna and tag are included in the prototype; functions of each are accurately described; students describe the role of the reader; students describe how radio waves enter and exit the device  | Antenna and tag are included in the prototype; students describe the role of the reader; students describe how radio waves enter and exit the device | Antenna and/or tag are missing from the prototype; functions of components not described |
| **Pressure** | Prototype includes a bellow, which is the most appropriate pressure gauge for an intraocular pressure sensor, and a resonator; includes a description as to how antenna will receive signals about pressure; description mentions the role of the resonator | Prototype includes a pressure gauge and a resonator; includes description as to how antenna receive signals about pressure | Prototype is missing pressure gauge and/or resonator |
| **Constraints** | As designed, the prototype fits in an eye; was printed within the given printing dimensions/volume, and meets all of design requirements developed in the activity | As designed, the prototype meets two of the following:1. fits in an eye
2. printed within given printing dimensions
3. meets all design requirements
 | As designed, the prototype meets one or none of the following:1. fits in an eye
2. printed within given printing dimensions
3. meets all design requirements
 |
| **Scale** | Is accurate | NA | Is missing or inaccurate |
| **Due Date** | Was prepared to present on assigned date | Was one day late in presenting work | Was more than one day late in presenting work |

**Total Points Earned: \_\_\_\_\_\_ (max 30 points)**

**Additional comments:**