

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

Student names: _____

Scoring →	5 points	3 points	0 points
Team Name: _____ _____	Is provided and relevant to task <i>(Example: Bellow Beginnings)</i>	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

Name: _____ Date: _____ Class: _____

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: