

Name: _____ Date: _____

Heart Valve Model and Brochure Rubric

Score each from 1-5, with 1 showing no evidence to support the criteria, and 5 showing exemplary evidence supporting the criteria.

Model

Does the model function as a real heart valve would? _____

Are the materials used sturdy enough to support the design? _____

Is the model well-constructed? _____

Are the materials used safe? _____

Is a rationale provided to defend the design? _____

Was model developed with evidence of following the engineering design process? _____

Brochure

Does the brochure describe how the valve works? _____

Is a picture of the valve included? _____

Are specifications included? _____

Are any potential side effects of the valve discussed? _____

Challenge Question

Was the Unite Challenge Question addressed in the presentation? _____

Was accurate information about the heart, heart diseases or defects, blood pressure and heart valves included? _____

Rubric Total _____

Comments:
