

Name:

Date:

Class:

Rubric for Aortic Valve Model Portfolio/Presentation

For each category, choose the appropriate rating level exhibited by the project and write that number in the blank space to the right of the rating. Tally the numbers to get the total score.

1. Introduction and Rationale

Rating 4 (Challenge is clearly defined, and reasons for testing are given) _____

Rating 3 (Challenge is defined, and some explanation given) _____

Rating 2 (Challenge is mentioned, with little explanation given) _____

Rating 1 (Challenge is mentioned, with no explanations given) _____

2. Research

Level 4 (Challenge is researched, with data relevant to problem described) _____

Level 3 (Challenge is researched, with minimal relevance to problem given) _____

Level 2 (Challenge is researched, with no relevance to problem given) _____

Level 1 (Challenge is not researched) _____

3. Plan/Design

Level 4 (Design is clearly shown and outlined) _____

Level 3 (Design is shown, but not clearly outlined/described) _____

Level 2 (Design is present, but not elaborated on at all) _____

Level 1 (Design is not shown or described at all) _____

4. Testing Procedures

Level 4 (Includes all steps of scientific method with explanations) _____

Level 3 (Includes all steps of scientific method without adequate explanation) _____

Level 2 (Is missing some step[s] of the scientific method) _____

Level 1 (Does not show signs of scientific method planning) _____

5. Data Presentation

Level 4 (Data is in graphical form and correctly labeled) _____

Level 3 (Data is in graphical form with some incorrect labels) _____

Level 2 (Data is in graphical form with no labels) _____

Level 2 (Data is absent/not in graphical form) _____

6. Data Analysis

Level 4 (Data is analyzed statistically and relevance is explained) _____

Level 3 (Data is explained, and the relevance is explored) _____

Level 2 (Data is presented with minimal explanation) _____

Level 1 (Data is not really presented or explained at all) _____

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7. Model Construction/Testing

Level 4 (Model is based on research with appropriate structure and testing) _____

Level 3 (Model is based on research, but lacks some structural component; model is tested) _____

Level 2 (Model does not show planning or appropriate structure, some testing evident) _____

Level 1 (Model is not well thought out, researched or tested) _____

8. Conclusions

Level 4 (conclusions and recommendations relate back to original challenge; are well written) _____

Level 3 (conclusions and recommendations relate back to original challenge; have some writing errors) _____

Level 2 (conclusions relate back to problem; recommendations are absent; some writing errors might be present) _____

Level 1 (conclusions do not relate to problem; no recommendations; many grammar errors present) _____

9. Portfolio

Level 4 (Portfolio is well organized, free from error, and has images) _____

Level 3 (Portfolio is well organized, few errors, and has images) _____

Level 2 (Portfolio has some organizational and grammatical errors) _____

Level 1 (Many errors and is lacking images) _____

10. References

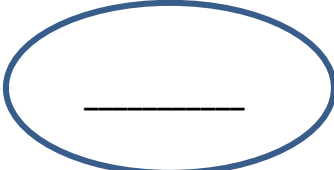
Level 4 (At least 5; each is appropriately cited with no errors) _____

Level 3 (Fewer than 5; may be errors in citing and grammar) _____

Level 2 (Fewer than 3; errors in citing and grammar) _____

Level 1 (No references listed) _____

TOTAL (10 x 4 = 40 points maximum)



Notes: