

Science Paper Score Sheet (maximum 100 points)

Student's name: _____ Term: _____

Overall

Item	low - mod - high	Points
1. Clear (readable), focused and interesting	0 - 1 - 2 - 3 - 4	
2. Accurate punctuation and spelling, and syntax	0 - 1 - 2 - 3 - 4	
3. Paper consists of a minimum of words (without figure captions, references)	0 - 1 - 2 - 3 - 4	
4. Figures are clear and easy to read	0 - 1 - 2	
5. Figures have informative captions, are numbered and referred to in the text.	0 - 1 - 2 - 3 - 4	

Abstract

Clear and concise description of the topic, the investigation and its results	0 - 1 - 2 - 3 - 4	
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Introduction

A clear, solvable problem is posed, based on an accurate understanding of the theory of plate tectonics, and the inquiry assignment.	0 - 1 - 2 - 3 - 4	
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Methods

1. References of the data sources and how they were acquired.	0 - 1 - 2 - 3 - 4	
2. Demonstration of an understanding of the quality of the data or its limitations.	0 - 1 - 2 - 3 - 4	

Observations

1. Observations are clear and quantitative.	0 - 1 - 2 - 3 - 4	
2. Data and observations are adequately referenced in the text and illustrated in figures.	0 - 1 - 2 - 3 - 4	
3. Observations include the description of relationships between features.	0 - 1 - 2 - 3 - 4	
4. Available data are used effectively. Multiple kinds of data are used when available. Adequate data are acquired. Data are relevant to the investigation.	0 - 1 - 2 - 3 - 4	
5. There is a clear distinction between observations and interpretations.	0 - 1 - 2 - 3 - 4	

Interpretations

1. The chosen model is factually correct.	0 - 1 - 2 - 3 - 4	
2. The problem, model, and supporting data are clearly connected in the text and figure(s), showing that the interpretations follow logically from the data.	0 - 1 - 2 - 3 - 4	
3. Adequately describes the tectonics model using a cartoon-like sketch	0 - 1 - 2 - 3 - 4	
4. Author investigates additional problems, such as speed of plates, spreading rates, comparison of plate velocities, calculation subduction angles etc.	0 - 1 - 2 - 3 - 4	

Discussion

Discussion clearly illustrates the broader aspects of plate tectonics theory that apply to the investigation. You may want to add aspects that are not supported by your own investigation yet irrelevant content here will result in a lower score.	0 - 2 - 4 - 6 - 8	
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Conclusions

1. Conclusions clearly and succinctly describe the major findings of the paper and relate them to other knowledge about plate tectonics.	0 - 1 - 2 - 3 - 4	
2. Indications are given what further research could lead to more information about your area.	0 - 1 - 2 - 3 - 4	

References

1. References in correct format	0 - 1 - 2 - 3 - 4	
2. Several other authors' work and data are included and adequately referenced.	0 - 1 - 2 - 3 - 4	