

# LHS Earth Science Symposium Article Grade Sheet

Student \_\_\_\_\_ Class \_\_\_\_\_ Teacher \_\_\_\_\_

## Magazine Article Total Points= 100

Article Section	Point Value	Author	Student Reviewer	Teacher
Title	2			
Abstract	10			
Introduction	10			
Research Methods	10			
Results/Data	10			
Discussion	10			
Conclusions and Implications	10			
References	10			
Figures/Graphs/Photos	6			
Parenthetical Citations	6			
Format and Professionalism	10			
Article File	6			
<b>Total</b>	<b>100</b>			

## Expectations for the magazine article

**Title** Clear and professional?

**Abstract** Does it summarize the whole article including the problem and the scientific efforts to study it?.

**Introduction** Does it state the problem/question being addressed by the research?. Does it introduce the problem in its historic and/or societal context? Does it include the necessary background information to interest *and* inform the reader?

**Research Methods** Does it clearly describe, in detail, the range of methods used by the scientists to study, gather, and analyze the data including where and/or when the data was collected? Does it mention any obstacles encountered by the scientists?

**Results/Data** Does it clearly summarize the data collected and the results of the experiments conducted by scientists? Does it include quantitative data and describe the trends reported by the scientists? Are data tables, graphs, photos, etc. included where appropriate?

**Discussion** Does it discuss the interpretations made by the scientists regarding their data? Does it address additional questions raised by the scientists in the articles? Does the student address additional questions or ideas for further research expressed by the scientists?

**Conclusions and Implications** Is there a concise summary conclusion the brings the reader back to the “Big Picture”? Does it describe the implications and impacts on society, the environment, the economy, etc? Does the student explain why this topic is important in real life and/or how the research might be otherwise applied? Does the student express his/her own suggestions for future studies to build upon our existing knowledge of this topic?

**References** Does the paper list at least 3 general (newspaper) and 3 peer-reviewed scientific journal articles in a properly formatted reference section?

**Figures/Graphs/Photos** Does the paper include 3 figures, graphics, or photos with captions?

**Parenthetical Citations** Did the student use APA-style parenthetical citations correctly throughout the article? Every reference must be cited at least once.

**Format and Professionalism** Did the student use the article format prescribed in the template? Does the grammar, spelling, use of language and general organizations of the article give the impression that the student carefully drafted, and repeatedly edited the article?

**Article File** Did the student create an electronic folder on their “Drive” with PDF copies of all scientific articles in their reference list? Is there evidence that the student has closely read and digested the articles?