

## **Science Article Analysis Summary - Instructions**

**Instructions:** Use this template to write your analysis of a science article. Follow normal grammatical and punctuation conventions that you have learned. Use complete sentences within paragraphs to answer questions. You may indicate Part 1, Part 2 and Part 3 by its heading. Place the below information in your summary analysis, which needs to be a turned in on paper.

### **Top of the page:**

**Name, date and class period.**

**Title of Article**

**Author**

**Source**

### **Part #1: Explanation**

Explain the topic of the article by describing in detail the below:

What is the main purpose of the article?

What was researched and who completed the research?

When did the research occur?

Who is the intended audience?

### **Part #2: Scientific Communication**

Why is it important to know about this research?

Describe the positive and negative outcomes that may occur based on the information in the article.

What are the possible questions or directions for future research?

### **Part #3: Connections**

How does this article and the information you read relate to your life?

How does the research impact society?

What is your opinion of the article and/or the research?

## **Science Article Analysis Summary - Template**

**Instructions:** Use this example to understand the structure of how an article summary should be written.

Steven Falcon

October 15, 2015

Period 2

"Right on Schedule: How do geysers erupt over and over."

By Sarah Lewin

Scientific American, November 2012

### **Explanation**

Body of response – answer all of the questions for this section under this heading.

For example: "The main purpose of this article is..." and then continue on to answer this question, as well as the others.

### **Scientific Communication**

Body of response – answer all of the questions for this section under this heading.

### **Connections**

Body of response – answer all questions for this section under this heading.

## MYP SCIENCE ARTICLE RUBRIC

### Objective D: Reflecting on the Impact of Science      Year 2 – 7<sup>th</sup> grade

Achievement level	Descriptor
0	The student does not reach a standard described by any of the descriptors given below.
1–2	<p>The student is able to:</p> <ul style="list-style-type: none"> <li>i. Summarize the ways in which science is applied and used to address a specific problem or issue – <u>states some of the key information in the article</u></li> <li>ii. Describe and summarize the various implications of the use of science and its application in solving specific problem or issue – <u>describes either one positive or one negative outcome based on the information read in the article; possible research is not mentioned</u></li> <li>iii. Apply scientific language effectively – <u>states how a science real-world topic applies to one other part of my life, but not society</u></li> <li>iv. Document the work of others and sources of information used – <u>scientist(s) who completed the research is not stated, the article title is present but not the publisher</u></li> </ul>
3–4	<p>The student is able to:</p> <ul style="list-style-type: none"> <li>i. Summarize the ways in which science is applied and used to address a specific problem or issue – <u>summarize most of the key information in the article</u></li> <li>ii. Describe and summarize the various implications of the use of science and its application in solving specific problem or issue – <u>describe at least one positive or one negative outcome based on the information read in the article; possible future research is mentioned</u></li> <li>iii. Apply scientific language effectively – <u>explains how a science real-world topic applies to more than one part of my life and society</u></li> <li>iv. Document the work of others and sources of information used – <u>scientist(s) who completed the research is stated, the article title and publisher is present</u></li> </ul>
5–6	<p>The student is able to:</p> <ul style="list-style-type: none"> <li>i. Summarize the ways in which science is applied and used to address a specific problem or issue – <u>summarize all of the key information in the article</u></li> <li>ii. Describe and summarize the various implications of the use of science and its application in solving specific problem or issue – <u>describe several positive or negative outcomes based on the information read in the article; possible future research is explored</u></li> <li>iii. Apply scientific language effectively – <u>explains how a science real-world topic applies to several parts of my life or society, with one limitation or benefit of our current science knowledge</u></li> <li>iv. Document the work of others and sources of information used – <u>scientist(s) who completed the research is stated, the article title and publisher is present</u></li> </ul>
7–8	<p>The student is able to:</p> <ul style="list-style-type: none"> <li>i. Summarize the ways in which science is applied and used to address a specific problem or issue – <u>summarize all of the key information in the article in great detail</u></li> <li>ii. Describe and summarize the various implications of the use of science and its application in solving specific problem or issue – <u>explain with reasoning several positive and negative outcomes based on the information read in the article; possible future research is explored</u></li> <li>iii. Apply scientific language effectively – <u>explains how a science real-world topic applies to several parts of my life or society, with limitations or benefits of our current science knowledge</u></li> <li>iv. Document the work of others and sources of information used – <u>scientist(s) who completed the research is stated, the article title and publisher is present in proper format</u></li> </ul>

**IB Score:** \_\_\_\_\_

**Numerical Score:** \_\_\_\_\_

**For teacher comments, check your article summary.**