NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**STEM Fair Introduction Rubric**

*NOTE: Expectations for writing the introduction can be found in the Stage: 3 Introduction guidelines. Instructions for setting up a work cited in APA format can be found on page 9. The introduction must be written in the 3-paragraph format as outlined in the guidelines. Failure to include proper in-text citations using APA format will result in a 50% deduction for that section of the introduction and will require a redo before being approved for the next stage.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Measurement** | **Score Point 4** | **Score Point 3** | **Score Point 2** | **Score Point 1** | **Score Point 0** |
| **Paragraph #1** | Provides enough background information to **completely** demonstrate an understanding of the **general topic** being investigated, including **completely** defining and explaining relevant concepts, terms, and formulas. | Provides enough background information to **mostly** demonstrate an understanding of the **general topic** being investigated, including **mostly** defining and explaining relevant concepts, terms, and formulas. | Provides enough background information to **generally** demonstrate an understanding of the **general topic** being investigated, including **generally** defining and explaining relevant concepts, terms, and formulas. | Provides enough background information to **minimally** demonstrate an understanding of the **general topic** being investigated, including **minimally** defining and explaining relevant concepts, terms, and formulas. | Background information **does not** demonstrate an understanding of the general topic being investigated. |
| **Paragraph #2** | Provides enough background information to **completely** demonstrate an understanding of the **independent variable** being investigated, including **completely** defining and explaining relevant concepts, terms, and formulas. | Provides enough background information to **mostly** demonstrate an understanding of the **independent variable** being investigated, including **mostly** defining and explaining relevant concepts, terms, and formulas. | Provides enough background information to **generally** demonstrate an understanding of the **independent variable** being investigated, including **generally** defining and explaining relevant concepts, terms, and formulas. | Provides enough background information to **minimally** demonstrate an understanding of the **independent variable** being investigated, including **minimally** defining and explaining relevant concepts, terms, and formulas. | Background information **does not** demonstrate an understanding of the independent variable. |
| **Measurement** | **Score Point 4** | **Score Point 3** | **Score Point 2** | **Score Point 1** | **Score Point 0** |
| **Paragraph #3** | **Completely** discusses the scientific relevance of the investigation by identifying and explaining the reasoning behind the selection of the dependent variable. The problem statement and hypothesis are **clearly** identified. | **Mostly** discusses the scientific relevance of the investigation by identifying and explaining the reasoning behind the selection of the dependent variable. The problem statement and hypothesis are **clearly** identified. | **Generally** discusses the scientific relevance of the investigation by identifying and explaining the reasoning behind the selection of the dependent variable. The problem statement and hypothesis are **clearly** identified. | **Minimally** discusses the scientific relevance of the investigation by identifying and explaining the reasoning behind the selection of the dependent variable. **Either** the problem statement or the hypothesis are **not** **clearly** identified. | **Does not** discuss the scientific relevance of the dependent variable. **Neither** the problem nor the hypothesis are **clearly** identified. |
| **Background research** | Research is **completely** based on previous research related to the topic and connects the various aspects of the research into a cohesive introduction that excludes irrelevant information. | Research is **mostly** based on previous research related to the topic and connects the various aspects of the research into a cohesive introduction that excludes irrelevant information. | Research is **generally** based on previous research related to the topic and connects the various aspects of the research into a cohesive introduction that excludes irrelevant information. | Research is **minimally** based on previous research related to the topic and connects the various aspects of the research into a cohesive introduction that excludes irrelevant information. | Research **is not** based on previous research related to the topic and **does not** connect the aspects of the research into a cohesive introduction without irrelevant information. |
| **Citations** | **All 4** references are listed in alphabetical order, written using APA format, and include at least 2 scientific journals. | **At least 3** references are listed in alphabetical order, written using APA format, and include at least 2 scientific journals. | **At least 2** references are listed in alphabetical order, written using APA format, and include at least 2 scientific journals. | **At least 1** reference is listed, written using APA format, and is a scientific journal. | **0** references are listed, or **0** references are listed using APA format. |
| **Formatting\***  **\*1 point deduction for not being written in the passive voice** | **Completely** typed or written ink with **no** misspellings or grammatical errors. | **Completely** typed or written ink with **minimal** misspellings or grammatical errors. | **Completely** typed or written ink with **few** misspellings or grammatical errors. | **Completely** typed or written ink with **many** misspellings or grammatical errors. | **Not** typed or written ink, with **numerous** misspellings or grammatical errors and **is not written** in a passive voice. |

TOTAL SCORE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ / 24 Points