

eXpressionsTM

Where Research and Creativity Meet

Judging Criteria

2017-2018

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Criteria for Evaluating Art Submissions

1. Interpretation

- Accurately represents the findings of the selected scientific research.
- Effectively communicates one or more of the key issues surrounding the selected scientific research project.
- Visually illustrates key elements of the scientific research and/or the real-world, emotional significance of the research in people's lives.

2. Presentation

- Displays technical proficiency and competence.
- Shows a successful use of the elements and principles of design:
 - Unity
 - Variety
 - Balance
 - Emphasis
 - Contrast
 - Rhythm
 - Repetition
 - Proportion
 - Scale
- Demonstrates skilled craftsmanship: a mastery of the use of materials and media.

3. Creativity

- Delivers a thought-provoking, imaginative interpretation of the research.
- Defies convention, challenging notions of how a specific concept or emotion can be expressed.
- Demonstrates innovative use of materials and media.

4. Initiative

- Displays a deep understanding of the selected scientific research project, perhaps gained through analysis of additional sources.
- Represents an ambitious approach to interpreting the research.
- Demonstrates the application of considerable effort.

Criteria for Evaluating Language Submissions

1. Interpretation

- Accurately represents the findings of the selected scientific research.
- Effectively communicates one or more of the key issues surrounding the selected research project.
- Illustrates key elements of the scientific research and/or the real-world emotional significance of the research in people's lives.

2. Presentation

- Effectively follows (or breaks) conventional rules of grammar.
- Demonstrates skillful execution of form.
- Exhibits appropriate diction

3. Creativity

- Delivers a thought-provoking, imaginative interpretation of the research.
- Defies convention, challenging notions of how a specific concept or emotion can be expressed.
- Demonstrates innovative use of imagery, figurative language, and/or other literary devices.

4. Initiative

- Displays a deep understanding of the selected scientific research project, perhaps gained through analysis of additional sources.
- Represents an ambitious approach to interpreting the research.
- Demonstrates the application of considerable effort.

Criteria for Evaluating Math Submissions

1. Interpretation

- Accurately represents the findings of the selected scientific research.
- Effectively communicates one or more of the key issues surrounding the selected scientific research project.
- Mathematically illustrates or explores key elements of the scientific research and/or the real-world, emotional significance of the research in people's lives.

2. Presentation

- Displays proper mathematical notations, symbols, or vocabulary.
- Uses relevant diagrams, charts, or images that aid in communicating the mathematics.
- Demonstrates skilled craftsmanship: a mastery of the use of materials and media.

3. Creativity

- Delivers a thought-provoking, imaginative interpretation of the research.
- Defies convention, challenging notions of how a specific concept or emotion can be expressed.
- Demonstrates innovative use of materials and media.

4. Initiative

- Displays a deep understanding of the selected scientific research project, perhaps gained through analysis of additional sources.
- Represents an ambitious approach to interpreting the research.
- Demonstrates the application of considerable effort.