

# Missouri Junior Academy of Science Scoring Rubric

Rating: \_\_\_ I  
      \_\_\_ II  
      \_\_\_ III

Student Name: \_\_\_\_\_

Paper Title: \_\_\_\_\_

Judge: \_\_\_\_\_

*Points Possible*      *Score*

## Scope & Introduction

- |  |           |       |
|--|-----------|-------|
| 1. Is a <b>meaningful question</b> or purpose clearly stated?              | <b>10</b> | _____ |
| 2. Did the individual seem <b>genuinely interested</b> in the project?     | <b>5</b>  | _____ |
| 3. Did the project seem to be <b>challenging</b> to the participant?       | <b>5</b>  | _____ |
| 4. Did the project enhance the <b>science training</b> of the participant? | <b>5</b>  | _____ |
| 5. Was the project <b>unique and creative</b> ?                            | <b>5</b>  | _____ |

## Materials & Methods

- |   |           |       |
|---|-----------|-------|
| 6. Was the experiment <b>well designed</b> and performed properly?            | <b>10</b> | _____ |
| 7. Were the <b>methods effective</b> and appropriately sized for the purpose? | <b>10</b> | _____ |
| 8. Have any <b>original</b> or ingenious methods been used?                   | <b>5</b>  | _____ |
| 9. Did the project have thorough and <b>intensive study</b> ?                 | <b>5</b>  | _____ |

## Results & Discussion

- |  |           |       |
|--|-----------|-------|
| 10. Was <b>sufficient time</b> spent discussing the results?               | <b>5</b>  | _____ |
| 11. Were the <b>results valid</b> and the <b>conclusions appropriate</b> ? | <b>10</b> | _____ |
| 12. Have the findings been tested for <b>reproducibility</b> ?             | <b>5</b>  | _____ |
| 13. Were there specific suggestions for <b>further research</b> ?          | <b>5</b>  | _____ |
| 14. Have <b>acknowledgements</b> been given for borrowed materials?        | <b>5</b>  | _____ |

## Overall Presentation

- |   |           |       |
|---|-----------|-------|
| 15. Was the <b>oral presentation</b> logical and coherent?        | <b>10</b> | _____ |
| 16. Did the speaker have <b>clear understanding</b> of the topic? | <b>10</b> | _____ |
| 17. Did the <b>visual aids</b> enhance the presentation?          | <b>10</b> | _____ |
| 18. Was the <b>written paper</b> clear and understandable?        | <b>10</b> | _____ |

**TOTAL** \_\_\_\_\_