

Science Fair Bibliography Rubric

Student Name: _____

Bibliography had correct number of resources for grade level.

0 1 2 3 4 5

Bibliography included at least one book.

0 1 2 3 4 5

Bibliography was formatted properly.

0 1 2 3 4 5

Science Fair Note Cards Rubric

Student Name: _____

Student had the correct number of note cards for their grade level.

0 1 2 3 4 5

Each note card had the appropriate amount of information written on it.

0 1 2 3 4 5

Note cards contain scientific research that will be useful to the student when writing their research paper.

0 1 2 3 4 5

Science Fair Outline Rubric

Student Name: _____

Outline displays that an adequate amount of research will be discussed in the paper.

0 1 2 3 4 5

Outline is properly formatted.

0 1 2 3 4 5

Outline displays that the student has researched the scientific principles that they will be experimenting with during their project.

0 1 2 3 4 5

Name

Date

Score /62= %

Teacher Initial

Third/Fourth Rough Draft Paper – 62 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 1.5

Name

Date

Score /62= %

Teacher Initial

Fifth/Sixth Rough Draft Paper – 62 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2

Name

Date

Score /63= %

Teacher Initial

Seventh Grade Rough Draft Paper – 63 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3

Name

Date

Score /64= %

Teacher Initial

Eighth Grade Rough Draft Paper – 64 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3 4

Name

Date

Score /66= %

Teacher Initial

Ninth Grade Rough Draft Paper – 66 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3 4 5 6

Name Date Score /69= % Teacher Initial

Tenth Rough Draft Paper – 69 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3 4 5 6 7 8 9

Name

Date

Score /72= %

Teacher Initial

Eleventh Grade Rough Draft Paper – 72 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3 4 5 6 7 8 9 10 11 12

Name

Date

Score /75= %

Teacher Initial

Twelfth Grade Rough Draft Paper – 75 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Name

Date

Score /75= %

Teacher Initial

Twelfth Grade Final Draft Paper – 75 points possible

General subject / specific topic

Subject is, in fact, assigned subject or an alternate subject approved by the instructor.

0 1 2 3 4 5

Specific topic is narrow enough to be covered adequately in the length of the paper.

0 1 2 3 4 5

Introductory Paragraph

Effective opening sentence: includes topic and engages reader's attention.

0 1 2 3 4 5

Supporting sentences provide pertinent background.

0 1 2 3 4 5

Divided thesis is clear and concise, using parallel structure.

0 1 2 3 4 5

Developmental Paragraphs

Research shows pertinent information about the topic is provided.

0 1 2 3 4 5

Each paragraph shows focus on a sub-point.

0 1 2 3 4 5

First and last sentences transition to the next paragraph.

0 1 2 3 4 5

Writing shows grade level understanding of the topic.

0 1 2 3 4 5

Concluding Paragraph

Restates thesis and summarizes arguments.

0 1 2 3 4 5

Gives a sense of finality to the paper.

0 1 2 3 4 5

References

Located on a separate sheet of paper.

0 1 2 3 4 5

Page Requirement

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Science Fair Logbook Rubric

Student Name: _____

All important research due dates are noted and explained
(ie. "Today I went to the library and picked the topic, 'How does temperature affect magnets' for my science fair project.")

0 1 2 3 4 5

Detailed notes about the progress of the student's specific experiment are given

0 1 2 3 4 5

Materials and procedure are listed in detail

0 1 2 3 4 5

Hypothesis is given and explained

0 1 2 3 4 5

Data from experiment is clearly given (ie. times, measurements, observations)

0 1 2 3 4 5

Data tables are included

0 1 2 3 4 5

A correct conclusion is written with a detailed explanation of the results and data.

0 1 2 3 4 5 6 7 8 9 10

***Bonus points will be given to students who include graphs in their logbooks

0 1 2 3 4 5

SCIENCE FAIR ORAL REPORT

45 points possible

Time limit is 2-3 minutes. (This time structure can be amended by the teacher.) If the report is over time or under time, the student loses 5 points.

If the student is not prepared the assigned day, he loses 10 points for each day of delay.

Written outline (correct structure)

0 1 2 3 4 5

Written outline (clearly organized)

0 1 2 3 4 5

Posture

0 1 2 3 4 5

Eye Contact

0 1 2 3 4 5

Enthusiasm, smoothness and expression

0 1 2 3 4 5

Student correctly explained scientific concepts researched for their science fair project

0 1 2 3 4 5 6 7 8 9 10

Student described in detail their experimental procedure, results and explanation of results

0 1 2 3 4 5 6 7 8 9 10

Name _____ Date _____ Score _____ Teacher Initial _____

Science Fair Visual Rubric

Student Name: _____

Title
Yes or No

Purpose is described clearly and effectively
0 1 2 3 4 5

Hypothesis is described clearly and effectively
0 1 2 3 4 5

Procedure is clearly explained
0 1 2 3 4 5

Materials
Yes or No

Results/Data are correctly represented & easy to understand. Student understands concepts of experiment & followed experimental procedures correctly. Student also notes any human error or discrepancies in the experiment.
0 1 2 3 4 5 6 7 8 9 10

Conclusion represents student's complete understanding of their experiment & results. Student accurately explains what they discovered in the process of their experiment.
0 1 2 3 4 5 6 7 8 9 10

Scriptural Application is appropriate for the student's topic & implies a spiritual significance to the student's project.
0 1 2 3 4 5

Acknowledgements
Yes or No

Visually Appeal

Creativity
0 1 2 3 4 5

Color Use
0 1 2 3 4 5

Neatness
0 1 2 3 4 5