

# Research a Topic Tutorial Handout

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

1. **Slide 4:** I will focus on \_\_\_\_\_ for my research.
2. **Slide 6:** Fill out the KWL chart for your focus.

<b>K</b> What do I know?	<b>W</b> What do I want to know?	<b>L</b> How will I learn it?

3. Slide 8: Pick one source (book, encyclopedia article, or website) to start your research. \_\_\_\_\_  
Copy the information about your source onto the *Creating a Bibliography* sheet (below).
4. Slide 12: In your own words, write down three facts you learned from this source. Copy your facts onto the *Research Notes* sheet (below).
5. Slide 14: Continue taking notes until you:
  - Have at least three sources
  - Have enough information to write a research report
  - Have enough information to design your investigation

Creating a Bibliography  
Where did you find that information?

#	Type (book, magazine, webpage, interview)	Title	Author	Other Information (listed on the following page)
1				
2				
3				

## What information should I collect?

### Books

Author's Name (last and first)

Title

Place of Publication

Publisher

Date of Publication

### Magazine

Author's Name (last and first)

Name of the Magazine

Title of the Article

Date Published

Page Number(s)

### Encyclopedia

Author's Name (last and first)

Article Title

Encyclopedia Title

Year of the Edition

### World Wide Web

Author's Name

Title of the Web Page

Date Posted

Date accessed

Web address

### Interview

Name of person you interviewed

Date of the interview

## How do I turn it into a Bibliography?

Source	MLA Form	Example
Book, One Author	Author's Last Name, First Name. <u>Title</u> . Place of Publication: Publisher, Date of Publication	Getsinger, Liz. <u>Science is the Best</u> . Baltimore, Maryland: Westowne Publishing, 2003
Magazine	Author's Last Name, First Name. "Article Title" <u>Magazine Name</u> Date Published: Pages	Jones, John. "Astronomy." <u>Newsweek</u> Oct. 2005: 4-8.
Encyclopedia	Author's Last Name, First Name. "Article Title." <u>Encyclopedia Title</u> . Year of the Edition	Handy, Roland. "How to Pronounce Specific." <u>World Book</u> . 1992 ed.
World Wide Web	Author's Last Name, First Name. "Title." Date posted. <web address> Access date	LeFevre, Tracie. "Disco Decimals." 22 Mar 1999. < <a href="http://mathrocks.com">http://mathrocks.com</a> > 03 Jan 2003.
Interview	Interviewee's Last Name, First Name. Personal Interview. Date of Interview	Smith, Sally. Personal interview. 22 Oct. 2005.

For help with your bibliography, use Noodlebib from <http://www.noodletools.com/> .



## STEM Fair Research

Teacher: \_\_\_\_\_

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

	Self	Adult
<b>Questioning</b>		
1. I came up with topic that was focused.		
2. I came up with at least three questions about my focus.		
<b>Planning</b>		
3. I had a plan for how to efficiently answer my questions.		
<b>Gathering</b>		
4. I made good use of my time and remained focused on my research.		
5. I used a variety of resources (at least 3).		
6. I kept a record of where I found each piece of information.		
7. I have definitions for all the major terms relevant to my topic.		
8. I found answers to all my research questions.		
9. I found enough information to predict what might happen during my investigation.		
10. I found enough information to understand the cause of what might happen during my investigation.		
11. I decided what was most important and summarized this information in my own words.		

- Sorting and synthesizing skills are covered in the research report scoring tool. Comments: (over)

## Research Report Organizer (Grade 4)

Form: \_\_\_\_\_

Audience: \_\_\_\_\_

Topic: \_\_\_\_\_

Purpose: \_\_\_\_\_

Interesting topic sentence:

\_\_\_\_\_  
\_\_\_\_\_

Three details to support the topic:

1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

Concluding sentence:

\_\_\_\_\_  
\_\_\_\_\_

## STEM Fair 4<sup>th</sup> Grade Research Report

Teacher: \_\_\_\_\_

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

	Self	Adult
<b>Drafting</b>		
12. I wrote an introductory sentence that identifies my topic.		
13. I included at least 3 details.		
14. I wrote my sentences in a logical order.		
15. I used accurate supporting information from my research.		
16. I summed up the report with my concluding sentence.		
<b>Revising</b>		
17. I began my report with an interesting opening sentence.		
18. I choose descriptive words.		
19. I used transition words		
20. I paid attention to the intended audience and purpose of the writing.		
21. I focused on the topic of the report.		
<b>Editing</b>		
22. I indented the first line of the paragraph.		
23. I used proper capitalization and punctuation.		
24. I spell the words correctly.		
25. I used proper mechanics.		
<b>Publishing</b>		
26. I printed my work from a word processor or wrote neatly?		
27. I include a cover sheet?		
28. I include a bibliography of the sources I used?		

Comments (over):

## Research Report Organizer (Grade 5)

Form: \_\_\_\_\_

Audience: \_\_\_\_\_

Topic: \_\_\_\_\_

Purpose: \_\_\_\_\_

### **Introductory Paragraph**

Introduce your topic. Explain why you are researching this.  
Summarize any key points.

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### **Paragraph 2:**

Interesting topic sentence:

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At least three or four details to support the topic:

1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

Concluding sentence/Transition:

\_\_\_\_\_

\_\_\_\_\_

**Paragraph 3:**

Interesting topic sentence:

\_\_\_\_\_

\_\_\_\_\_

At least three or four details to support the topic:

1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

Concluding sentence/Transition:

\_\_\_\_\_

\_\_\_\_\_

**Paragraph 4:**

Interesting topic sentence:

\_\_\_\_\_

\_\_\_\_\_

At least three or four details to support the topic:

1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

Concluding sentence/Transition:



## STEM Fair 5<sup>th</sup> Grade Research Report

Teacher: \_\_\_\_\_

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

	Self	Adult
<b>Drafting</b>		
29.I wrote an introduction that identifies my topic.		
30.I created one paragraph for each subtopic in my outline?		
31. I wrote a topic sentence for each paragraph that clearly tells the main idea of each paragraph.		
32.I wrote sentences in a logical order.		
33.I used supporting information from my research.		
34.I included enough details to fully explain the topic.		
35.I summed up the report with my concluding paragraph.		
<b>Revising</b>		
36.I began my report with an interesting opening sentence.		
37.I used appropriate, precise, compelling, and descriptive language.		
38.I included transition words so the writing flows from one idea to the next.		
39.I started sentences in different ways.		
40.I paid attention to the intended audience and purpose of the writing.		
41. I focused on the topic of the report.		
<b>Editing</b>		
42.I indented the first line of each paragraph.		
43.I used proper capitalization and punctuation?		
44.I spelled the words correctly.		
45.I used proper mechanics.		
<b>Publishing</b>		
46. I printed my work from a word processor or wrote		

neatly.		
47. I included a cover sheet.		
48. I included a bibliography of the sources I used.		

Comments (over):