

Science Research Course Summer 2017 Assignment

The purpose of the summer assignment is to get your mind into the course. The assignment will also help you get a head start on the research topic selection process. By completing the assignments you will have taught yourself some of the basics of bibliographic research, topic refinement and contact networking. All of the information collected will help you start your portfolio that will be maintained for all three years. **The assignment is a requirement.** The assignment must be completed by the first day of school in September. Failure to complete this assignment will result in a zero for your first bi-weekly meeting.

Assignments:

1. **Research:** Research and read at least **ten multipage articles** on 2-3 topics of interest to you (no more than five topics) in the sciences. These can be from a variety of reliable sources such as *Scientific American* or *Science* as well as more scholarly journals. As you narrow your topic you should increase the sophistication of your reading level.

Print a copy of each of the articles and **type a 100-word short summary** of each. All *articles must be summarized using the format of the appropriate bibliographic form*, some of which are provided in this packet. Additional forms for articles from other sources can be printed from my website: <http://www.lreececience.weebly.com>. Please also familiarize yourself with the Science Research in the High School website: <http://www.albany.edu/scienceresearch/>.

Keep a log of all articles read. Log the information on the sheet labeled “Article Log.”

2. **Networking:** Make a list of potential science research contacts. The information should include their mailing address, e-mail and phone number. Document any contacts you make using the Personal Communication form on my website.
 1. Talk to your friends and relatives. Ask them if they know any professionals in your potential field of study, if so try and arrange to talk with them.
 2. Keep a listing of authors and science professionals referenced in the articles you read. Do some research to find out their contact information.
 3. Keep a log or database of your contact information.

I look forward to a very productive year. Please feel free to contact me at www.lreece@wvcsd.org with any questions regarding the summer assignment. I will be checking emails weekly over the summer.

Mrs. Reece
Science Research Teacher
Warwick Valley High School

Article Log

<u>Article Name</u>	<u>Author</u>	<u>Source</u>	<u>Topic Summary</u>
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1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

Magazine Article

Author name

Date

Title of the article

Name of Magazine

Vol. #, page #'s

What I learned from this source (use back of sheet for additional space):

Journal Article

Author name

Date

Title of the article

Name of Journal

Vol. #, page #'s

What I learned from this source (use back of sheet for additional space):

Newspaper Article

Author name (if signed)

Date

Title of the article

Name of Newspaper

Vol. #, section, & page #'s

What I learned from this source (use back of sheet for additional space):

Internet Article (not based on a print source)

Author name

Date

Title of full work

Retrieved on _____ From _____ Web site _____

Date

Name/Sponsor

URL

* Where possible print a copy of the article with URL

What I learned from this source (use back of sheet for additional space):

Internet Articles (based on a print source)

Author name

Date

Title or site or work

Journal Name

Vol. #

Page #'s

Retrieved on _____ from _____

Date

URL

* Where possible print a copy of the article with URL

What I learned from this source (use back of sheet for additional space):

Dates Contacted	Full name and title	Position	Contact Information
1.			Phone: Fax: E-mail: Addr:
2.			Phone: Fax: E-mail: Addr:
3.			Phone: Fax: E-mail: Addr:
4.			Phone: Fax: E-mail: Addr:
5.			Phone: Fax: E-mail: Addr:
6.			Phone: Fax: E-mail: Addr:
7.			Phone: Fax: E-mail: Addr:
8.			Phone: Fax: Email: Addr:
9.			Phone: Fax: E-mail: Addr:
10.			Phone: Fax: E-mail: Addr: