**Typed Science Fair Research Paper Due November 7, 2014**

**For Mrs. Yacavone’s advanced classes (periods 2 & 3)**

**Refer to your LAJH project packet for format, content, citations, and length requirements.**

ALSO: Refer to my website for the grading rubric (you were given a copy in class 10/29)

**How to Write your Research Paper (How to organize the information)**

**IMPORTANT NOTE:**  Your completed work must be based on your research and must include evidence cited within the body of your paper. Please make sure to include in-text citations. This is NOT a history report about your test subject, nor is it a story telling me about how you will do your experiment. You must research your test subject and learn about it and the possible cause and effect relationship between it and your independent variable.

**Introduction** (about 2 paragraphs)

– problem question, identification of independent variable, dependent variable, and

 summary of possible relationship between the two.

**Body Paragraphs:** Review of Information from Topic Research (about 10 paragraphs total)

 -general information about the **test subject** (the who or what you are experimenting on / the "victim" of your experiment) and learning things like how it works, what it's made of (parts), what it needs or depends on (input, output, process).
 -**independent variable** (the thing you are doing/giving to your test subject)  and the "feedback" it may cause in your test subject. This information should help you plan your experiment and develop a good hypothesis.
 -**dependent variable** (the change in response/behavior that you will measure from your test subject)
 - general information about various factors that could interfere in the relationship between
   the two variables and the test subject.

**Conclusion**: In about 2 paragraphs- state your hypothesis in “if…then…because…” format summarizing your research that supports why you believe you will get these results

 -A hypothesis is a possible answer to your problem question.

-Your research should be sufficient to enable you to formulate a solid hypothesis, in the

 form of an “If…, then… “ statement. (“if (this is done) then (this will happen)”

**Bibliography:** cite all research resources on a separate paper titled Bibliography.

 This is the final page of your research paper.

 -Must be in MLA format and in alphabetical order - *see* [*www.easybib.com*](http://www.easybib.com) *or* [*www.bibme.org*](http://www.bibme.org) *for help.*