

First Lastname

Mr. Lederman

Welding II GST BOCES Bush Campus

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INTRODUCTION:

Explain what a goal is. Do you think it is important to set goals? Why or why not?

*If you use a definition from a source like a dictionary, you must follow the definition with an in text citation.**

Goals-

Exploration

Explain what you have done to explore options for your life after high school. You could also mention any contact you have had with colleges (college day here at BOCES), potential employers or the military. Be sure to cite any formal in-person contacts as interviews. Use an in text citation (you do not need to make an entry on the reference page of your paper).

Internship

Where will you intern? Describe your work place. If you are not interning, why not?

What do you expect to do or observe? What processes, operations, or work will you observe? How often are these things done?

How many people, things or groups do you expect to be involved?

What interpersonal skills will be helpful?

Internship

Observations:

Contributions

What responsibilities do you expect to have? Will you increase something positive? (customers, compliments, requests) Will you decrease something negative? (complaints, rejections, returns, requests for help) How efficiently will you work? Will you gather/use any data? What kinds? From what sources? What interpersonal skills do you expect to use?

Conclusions

How will your work at your internship site relate to your life goals? Is this the type of job that you would like to pursue? Is this a job that you could hope to obtain directly after high school? If not, what further steps would you need to pursue to obtain a position like this one?

WELDING CAREER RESEARCH*

Welding

Welding opportunities:

What opportunities exist for welders? You could insert your article summary paragraph on welding opportunities from last year. Be sure to complete this part if you are not completing an internship.

(_____)

Trends in welding: *Research the type of welding that you hope to do for a living, a trend you might expect to encounter in the career field of welding or the type of welding that most interests you. You could research the type of welding that you observed during your internship. If you do not plan to pursue employment in the field of welding, you could research one of the types of welding that you have explored here at BOCES or choose an issue related to welding that interests you.*

Some ideas for research: trends in the welding field, nuclear power and welding, welding and pipe fitting, UHP welding and layout, orbital welding, "green" welding processes, plastic welding, thermal oxidized equipment, resistance welding, automation in welding, robotic welding, FCAW, GTAW, GMAW, low fume generating processes, laser beam welding, friction stir welding, resistance welding, plasma arc welding, capacitor discharge welding, welding newer grades of high-strength steel/high alloy steel, heat treatable steels, new alloys. See Mr. Lederman if you have any other ideas that you would like to explore.

Where is the process used?

What type of industry/businesses? Why is this process used?

What types of applications?

Why is it the best process for the application?

Describe hazards and safety issues related to this type of welding (or general welding safety).

How is quality assured?

What is the employment outlook in the future for people employed in this type of welding?

Why is this type of welding of interest to you?

Narrowing the focus

How do your goals relate to the welding trend/type of welding you researched? Do you plan to do the type of welding that you researched? Why or why not? How do you plan to use what you have learned at BOCES?

Housing:

Where do you plan to live after graduation? Do you plan to stay in this area? Research the cost of living, how much will it cost you to live? What are your living arrangement plans? How much should you plan to spend on housing?

***Employment Plans:** *(You may want to interview someone employed in the job that you seek.)*

What are your employment plans following graduation?

www.nycareerzone.org is a good resource or use your Career Exploration Worksheet that you completed with Mr. Little during your junior year.

Include-

The specific job you are seeking/any welding?

Personality type or interest best suited for the job

Skills required

Knowledge required

What skills and knowledge required for the job do you currently have?

Long range plan: *What are your plans/goals for the next five years? What are your plans/goals for the next ten years?*

Area employers who might employ welders with these skills

ACKNOWLEDGEMENTS

*Who helped you with this experience? (parents, teacher, advisor, mentor) How have these individuals helped your experience?
How would you like to thank them?*

Works Cited

*You must cite your sources. The areas marked by an asterisk * (definitions, welding career research, and employment) are areas that will definitely require references. Following the information, you should place the last name of the source followed by the page number if a print source- not page number necessary if an internet source. This is MLA style. You can use Noodle Tools Express to help complete your references page. You must have at least six credible resources. You may use an interview for no more than one of your sources. According to **MLA** style, an **interview** that you conduct should be included on the Works **Cited** page. List the **interview** by the name of the interviewee. Include the descriptor "**Personal interview**" and the date of the **interview**, as in the following example: Billiken, Billy. Jun 30, 2016. *Your in text would state that you interviewed Billiken and would include the date of the interview**