

("Underwater 5k")

Junkyard Wars: The Rocket Men Torpedo

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Abstract: As with a paper, the abstract should be a short, stand alone summary of the rest of the poster. It needs to include the major result. This is often put in a guide book handed out to conference attendees so that they can quickly determine which posters they are most interested in viewing.

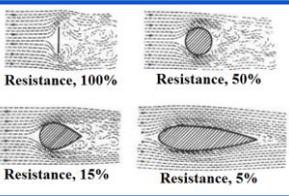


Concept #2- DC Motor: Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything! Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything! Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything! Get into the science and engineering that you learned about the tech that you decided to research. Remember to refer

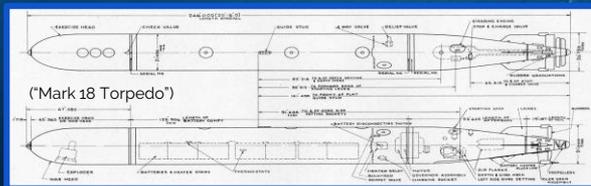


(Lazaridis)

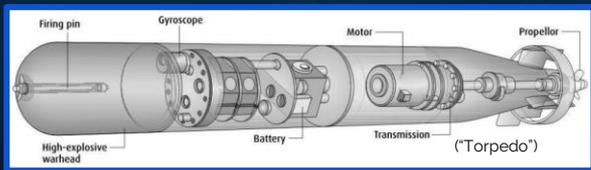
Concept #3- Streamlining: Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything! Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything! Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference



("Streamlining.")



("Mark 18 Torpedo")



("Torpedo")

Procedure and Design: What were the criteria for success? What resources did the team have? What were the key design decision made by the team? Evaluate these decisions relative to the information you learned during your research. What were the key design decision made by the team? Evaluate these decisions relative to the information you learned during your research. What were the key design decision made by the team? Evaluate these decisions relative to the information you learned during your research.

Planned use of Control Panel



("Control Panel")

Planned use of Remote Control



("Toy Remote Control")



Design Prior Art: Discuss previous engineering designs that directly relate to the design implemented by the group. Discuss how it is similar and how it is different from the final design used by the team. If you have room, you may discuss more than one example but you will be limited in space here so be selective.

Concept #1- Torpedoes: Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything! Get into the science and engineering that you learned about the tech that you decided to research. Remember to reference everything!

Works Cited:

"Control Panel." *Mega Titan*, Mega Titan, 12 Feb. 2012.
Fullerton, Dan. "Kinematics." *AP Physics 1 Essentials: an APlusPhysics Guide*, vol. 1, Silly Beagle Productions, Webster, NY, 2013, pp. 27–28.
Lazaridis, Giorgos. "How DC Motors Are Made and How They Work." *PCB Heaven*. Giorgos Lazaridis, 25 Mar. 2010. Web. 12 Jan. 2017.
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Tamara. "Water Friction." *Department of Physics*. The Board of Trustees at the University of Illinois, 22 Oct. 2007.
"Torpedo." *Here Be Answers*. Here Be Answers.
"Torpedo, In Naval Warfare." *Columbia Electronic Encyclopedia*, 6th Edition (2016): 1. *History Reference Center*. Web. 11 Jan. 2017.
"Toy Remote Control." *Hardwaresphere*, Hardwaresphere, "Underwater 5k." *HD Wallpapers*, HD Wallpapers, 9 Apr. 2016.
"Mark 18 Torpedo." *Wikipedia*, Wikimedia, 4 Dec. 2008.

Conclusion: What modifications or design strategy changes did the group have to implement? What was the outcome of their project? What additional changes would you have suggested? What would be the next steps for you or the team if given more time on the project? What modifications or design strategy changes did the group have to implement? What was the outcome of their project? What additional changes would you have suggested? What would be the next steps for you or the team if given more time on the project?

Tips for Posters

1. The poster needs to be in landscape orientation.
2. Use graphics and images (and make sure you reference them.) At least 1/3rd of the poster area should be images, tables, graphs, etc.
3. Do not feel confined to the section titles or section orders on this project. (The only required section title is the abstract.) BE CREATIVE. This is not a log. This is not a paper. You have more control over layout, font, color, etc. (But don't be unprofessional.)
4. Most groups make their poster in PowerPoint or Google Slides. Both can (and need to be converted to Pdf before uploading to turnitin.com)
5. Don't shrink the font of the body of the poster to a size that makes the poster look like it is a huge body of text. The poster needs to be readable when standing 1 to 2 meters away when printed to a size that is about 3 high by 5 feet long.

Tips for Posters

6. You can use a smaller font on the works cited section than the rest of the paper to get yourself more room. (It does not need to be visible from the same distance, but it can't be more than half the size of the rest of the poster.)
7. Consider your color scheme just as you would with a presentation. You will need a strong contrast to make it readable.
8. The most important part of this project is how well you analyze the group's work based on what you learned when you researched the design. Show this knowledge and critical thinking off!