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SCIENCE PROJECT OPTIONS

8th grade Comp. Sci & Phy. Sci Honors
2017/18

Yes, you have to do a science project

- Science projects are **REQUIRED** by the district for all students taking advanced classes.
- There are a number of different options for you to complete this requirement

Traditional Science Project

- Individual or TEAM project (max 2 students)
- Follow ISEF/NEFRSEF Rules (see www.nefrsef.org for more details)
 - *Identify your question, design experiment, backboard, etc.*
 - *Complete & Print forms from NEFRSEF: 1, 1A, 1B, Typed Research Plan (separate paper)*
 - *Approval for special projects is from SRC @ NEFRSEF or IRB@JLCP*
- **ONLY OPTION ELIGIBLE FOR SCHOOL, DISTRICT AND/OR REGIONAL SCIENCE FAIR**
- **Due Date TBA (School fair in NOV. DCPS Fair in DEC. Firm dates coming ASAP)**

Toshiba ExploraVision

- Team project (2-4 Students)
- ...” pick a current technology, research it, envision what it might look like in 20 years, and describe the development steps, pros & cons, and obstacles.”
- Submission = Exploravision Entry Form, Abstract, Project Description, Bibliography, and 5 sample Web Pages.
- Project must be received by NSTA on Feb 8 2018
(submit project to teacher approx. 1 week before)

More information found at www.exploravision.org

eCybermission

- Team Project (3-4 students)
- “... pick a **Mission Challenge**. eCYBERMISSION is all about using Science, Technology, Engineering and Mathematics to solve a real problem in your community. Your team will research and conduct experiments to find a solution.”
- Online collaboration w/your team and “CyberGuide” experts
- Submission = complete an online mission folder showing all your work throughout the process.
- Teams must be signed up by early registration deadline of **Nov. 8 2017**
- Mission Folders due **Feb. 28 2018**. Due to teacher **1 week prior!**

More information found at www.ecybermission.com

Note:

- This is an outside of class project – you will be expected to work independently or collaboratively to complete your project. **All project choices (and team members) subject to parental approval.**
- You (and your team) will present your finished project to the class.
- In order to get credit for your submission you **must** complete and submit it fully to the different competitions. You should also submit a copy to your teacher.
- For the national team competitions you must follow all the rules and regulations set out.
- Due to the different deadlines the **FINAL** Science Project grade will be in the **3rd 9 weeks for all students.**
- There will be **graded periodic checks** of all student's progress through **1st/2nd 9 weeks.**