



TC Williams STEM Group

# Who are we?

- We are the 7 members(ambassadors), of the X-STEM group at TC Williams. Beginning in March 2013, this group was formed as part of the USA Science and Engineering Festival.

# What is the USA Science Engineering Festival?

- A two-day nation-wide celebration of science, to help perpetuate the importance of Science and Engineering, through hundreds of Exhibits and Hands-on projects. Particularly more meaningful for high-school students & Middle School Students, as many colleges will be in attendance(JH Applied Physics Laboratory, Carnegie Mellon Research Institute, etc.)

# Some pictures of past Festivals(2010 & 2012)



# What is our job?

- As an X-STEM School, our task is to get our city involved with the festival by going around to various schools and talking with teachers and administration. We coordinate with the local libraries, and organizations such as the NSBE(National Society of Black Engineers) & the NBT(National Society Of Biology Teachers). We also hope help to set up X-STEM clubs in all the public schools in Alexandria, and make sure everyone has the ability to partake in such an event.

# Video clip of past festival

- <http://www.youtube.com/watch?v=VmahmC5k-8M>

# Currently

- We are in the process of certifying the middle and elementary school students.
- As part of the Nifty-Fifty Program, Tyler DeWitt a microbiologist at MIT will be coming and be leading a TED-Talk Style presentation (Viruses and how they attack 2) How the research done in labs around the world impacts us every day 3) How bacteria become resistant to antibiotics--and how we can stop them).

# 2014 Festival

- April 24-27, 2014
- Actual event for the general public(April 26-27, 2014)
- Walter E. Washington Convention Center, Washington DC
- Questions? [adeyhf@gmail.com](mailto:adeyhf@gmail.com)→ City Coordinator/X-STEM President
- 703-989-1830



- Thank you for watching our presentation! 😊
- Please feel free to take bookmarks, postcards, and business cards