

Physics Demonstration Day at Delaware Hayes High School
Andrew Borzok's Honors Physics Class
1:45 – 2:30 PM
April 18, 2019

Event Program (Discussion leaders in parentheses):

1. Introductions and Opening Remarks (Dr. H-K)
2. Electric Charges and Forces* (Dexter)
3. Bending a Stream of Water* (Joe)
4. Discharging a Capacitor: Electrical Energy (Dr. H-K)
5. Deflecting Electrons with Magnets* (Alec)
6. Generating Electricity with Magnets* (Matt)
7. Amazing Jumping Ring: Magnetic Induction and Lenz's Law (Dr. H-K)
8. Homemade AM Radio Receiver (Mike and Dr. H-K)

* Denotes demonstration suitable for volunteer participation from the audience.