

AAUW-NJ Sussex County Branch Digs STEM Education at Sterling Hill Mines Nov 15, 2014

1. On Nov 1 2014 AAUW went to Warsaw Poland to trace the Footsteps of Madame Curie- where can she be found here?
 - a. Periodic Table at Zobel Hall
 - b. Periodic Table at Warren Museum
 - c. Periodic Table at Ellis Observatory
2. AAUW helped raise money to purchase a gram of radium for Madame Curie in 1921 and had the President of the United States present it. Who was the POTUS for this occasion
 - a. Woodrow Wilson
 - b. Warren G Harding
 - c. Calvin Coolidge
3. What element code has Madame Curie's photo?
 - a. Cu
 - b. Ra
 - c. Cm
4. What element was named after a female physicist who worked on radioactivity?
 - a. Meitnerium
 - b. Mendelevium
 - c. Lawrencium
5. What compound is no longer used in cosmetics?
 - a. titanium dioxide
 - b. zinc oxide
 - c. radium bromide
6. Diamonds have a fluorescence phenomenon when the boron in a diamond is stimulated by Ultra-Violet (UV) light. What fluorescence color are authentic diamonds?
 - a. Mellow yellow
 - b. Deep purple
 - c. True blue
7. AAUW Branch Officer Linda Adams' father was a mine translator what language did he NOT speak? :
 - a. Polish
 - b. German
 - c. Russian
8. The tunnel (blasted in 1990) that has the demo room with short wave UV lights that showoff glowing fluorescence rocks is called ____
 - a. The Glow Tunnel
 - b. The Fluorescence Tunnel
 - c. The Rainbow tunnel
9. William Alexander the first landholder of Sterling Hill Mines was a veteran of what war?
 - a. The American Civil War
 - b. The American Revolutionary War
 - c. The Mexican-American War
10. AAUW-NJ has a day of hands-on workshops designed to demonstrate that technology & engineering are exciting and relevant to H.S. girls and encourages girls to consider STEM careers (women are still under-represented in these areas) The program is called ____
 - a. techtek
 - b. girltech
 - c. teentech