“PICK YOUR POISON” DUE JAN 22

Toxicology is the study of poisons, and their chemical and physical effects on the body. There have been many cases of people intentionally trying to poison another. As a class we are going to research some cases and explore the forensics behind the toxicology; thus proving once again, that crime does not pay.

Each pair will research a different poison and a case involving that poison. You will choose a case you consider most interesting or unusual.

Design a slide show presentation containing the following information.

- Type of poison;
- Level of toxicity;
- “Chemistry” of the poison—element? compound? formula or symbol; state of matter;
- Poison’s other uses—other names?;
- Effects or symptoms on the body—what does this chemical do to the body?
- How does it interfere with the body?;
- Detection—how does science trace the chemical? How do you get a diagnosis of this poison?;
- Lasting effects or possible treatments;
- Case— Give the Who? Where? When? What happened? Why? and How were they caught?

Each slide should only have bulleted reference points and information for your case. You should be able to tell the story. Do NOT read to us! (You can also describe other cases as they pertain to the general information about your poison. Add appropriate graphics where possible.)

Keep copies of your research to turn in with your presentation and to use on your reference page.

Presentation—(8 to 12 slides) 10 to 15 minutes in length

A. Background or general information (3 to 4 slides)
B. The case (4 to 7 slides)
C. References—written according to the MLA handbook (1 to 3 slides).
# POISON SLIDE PRESENTATION SCORING GUIDE

**Name**  
______________________________________________________

### Poison  
25 points  
| Gives solid background, including the chemistry  |
| Accurate information  |

Comments: ________________________________________________________________________

### The Case  
25 points  
| Knows the story  |
| Connects to what is known about the poison  |

Comments: ________________________________________________________________________

### General  
| Is interesting  | 5 points  |
| Is a good, flowing presentation  | 10 points  |
| Shows oral communication skills  | 10 points  |

Comments: ________________________________________________________________________

### References (at least 3)  
| Written properly  | 10 points  |
| Highlighted, printed copies  | 15 points  |

TOTAL  
___________
<table>
<thead>
<tr>
<th>Poison</th>
<th>Cases or Poisoners</th>
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| Anthrax                | • “Amerithrax”  
• In Sverdlovsk                                                               |
| Antimony               | • Poisoner—Dr. William Plamer, The Rugeley Poisoner  
• Poisoner—Dr. Edward Pritchard, The Philandering Poisoner |
| Arsenic                | • Arsenic in Bangladesh’s drinking water  
• Poisoner—Nannie (Arsenic Annie) Doss  
• Poisoner—Cordelia Botkin, The Scorned Poisoner  
• Poisoner—Mary Ann Cotton  
• Poisoner—Audrey Marie Hilley  
• Poisoner—Madaleine Smith  
• Poisoners—Lucretia Borgia or the Borgia family  
• Poisoner—Johann Otto Hoch, The Stockyeards Bluebeard  
• Poisoner—Frederick Seddon  
• Poisoner—Velma Barfield  
• Poisoner—Anna Hahn  
• Poisoner—Arthur Warren Waite, DDS  
• Possible case of Napoleon  
• Poisoner—Mary Frances Avery Creighton |
| Cantharide from Cantharidin | • Poisoner—Blanche Moore  
• Poisoner—Arthur Kendrick Ford |
| Chromium 6             | • Case of Erin Brockovich                                                            |
| Cyanide (general)      | • Poisoner—Richard “Iceman” Kuklinski  
• Case of the Tylenol tampering  
• Case of Kentucky foals dying  
• Poisoner—Ronald Clark O’Bryan                                                                 |
| Dioxin                 | • Case of Viktor Yushchenko                                                        |
| Hemlock                | • Case of Socrates  
• Poisoner—Olympias                                                                 |
<p>| Hydrobromide of hyoscine | • Poisoner—Dr. Hawley Harvey Crippen                                             |
| Hydrogen cyanide (gas) | • Poisoner—Joseph Mengele                                                          |
| Methyl isocyanate      | • Union Carbide and the environmental disaster in Bhopal                            |</p>
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| Paralyzing drugs               | • Poisoner—Richard Angelo  
• Method of lethal injection                                                   |
| Parathion                      | • Poisoner—Christa Ambros Lehmann                                                |
| Plants used to kill:           | • Poisoner—Henri Girard, The First Scientific Murderer  
• Poisoner—Livia, wife of Emperor Augustus                                      |
| Parathion                      | • Poisoner—Richard Angelo  
• Method of lethal injection                                                   |
| Polonium-210                   | • Case of Alexander Litvinenko                                                    |
| Potassium cyanide              | • Poisoner—Dr. Michael Swango  
• Case of Jonestown massacre  
• Case of California (San Diego county) mass suicide  
• Case of Rasputin  
• Poisoner—Sadamichi Hirasawa                                               |
| Radiation                      | • Chernobyl  
• Case of Karen Silkwood                                                          |
| Ricin                          | • Case of Georgi Markov  
• Poisoners—Tepatti and Wood                                                      |
| Sarin                          | • Case of the Tokyo subway                                                       |
| Strychnine                     | • Poisoner—Thomas Niel Cream, The Lambeth Poisoner  
• Poisoner—Belle Gunness  
• Poisoner—Dr. William Palmer  
• Poisoner—Thomas Wainewright                                                   |
| Succinylcholine                | • Poisoner—Genene Jones  
• Poisoner—Dr. Bill Sybers  
• Poisoner—Jane Toppan                                                          |
| Thallium                       | • Poisoner—Graham Young  
• “Coca-Cola poisonings”—George Trepal  
• Poisoner—Joann Curley                                                        |
| Various poisons—more than one  | • Poisoner—Dr. Larry C. Ford  
• Poisoner—Donald Harvey  
• Poisoner—Kristen Rossum                                                       |