

## Drug Reports

DUE: \_\_\_\_\_

Think about how many crimes deal with drugs. Think about all the drug evidence that would be sent to a forensic examiner for analysis. Part of analyzing that evidence would be to have an understanding of how the drug is delivered into the body, different paraphernalia that is used with the drug, the effect of the drug on the body, and most importantly, how to analyze the drug when it is in your possession. Working with a partner, you will create a presentation that will enlighten the other future forensic examiners in the room by including:

- What does the drug look like? What kind of paraphernalia is usually associated with the use of this drug?
- What are the short-term effects of the drug? How does it affect the body?
  - For example, does it mask a chemical in the brain or change the heart rate?
  - Go into detail on exactly how this drug produces its particular effects.
- What are the long-term effects on the body?
  - For example, does prolonged use lead to brain damage, infertility, lung cancer, etc.?
- How is the drug analyzed and identified? What tests are done and what do the results of those tests look like?
  - For example, if you say that you do a GC-Mass Spec for identification, find a picture of the results that you would get.
- What is the penalty for having this drug in your possession? Explain the laws and types of penalties involved.

You and your partner will be responsible for giving a **10-15 minute presentation** on your drug that will cover all of the above information along with anything else you feel we should know. You should create a **PowerPoint, digital movie (i.e. with Windows Movie Maker not a home movie), or some other kind of presentation** including pictures of the drug and paraphernalia, bulleted points about the drug, a picture of an addict, and anything else that is appropriate.

Please Note: Your grade will be based on the scientific nature of your presentation. This is a serious topic and **absolutely no fooling around will be permitted.**

Also, make sure that both members of the group have the presentation and that you back it up in various formats (CD, USB stick, etc.). **THERE WILL BE NO EXCUSE FOR NOT BEING READY WHEN YOUR GROUP IS CALLED TO PRESENT!!!** If one person is absent, you present alone.

|                                  |                                  |                            |
|----------------------------------|----------------------------------|----------------------------|
| <u>Amphetamines</u><br>(Speed)   | <u>Barbiturates</u><br>(Downers) | <u>Belladonna</u>          |
| <u>Cocaine</u>                   | <u>Crack</u>                     | <u>Ecstasy</u>             |
| <u>GHB</u>                       | <u>Hash</u>                      | <u>Heroin</u>              |
| <u>Inhalants</u>                 | <u>LSD (Acid)</u>                | <u>Marijuana</u>           |
| <u>Mescaline/Peyote</u>          | <u>Methamphetamines</u>          | <u>Nitrous Oxide</u>       |
| <u>Opium</u>                     | <u>Pain Killers</u>              | <u>PCP</u><br>(Angel Dust) |
| <u>Psilocybin</u><br>(Mushrooms) | <u>Steroids</u>                  | <u>Tranquilizers</u>       |
| <u>OxyContin</u>                 | <u>Ketamine</u>                  | <u>Rohypnol</u>            |

## Drug Presentation Grade Rubric

Presenter Names: \_\_\_\_\_

Drug Name \_\_\_\_\_

|  | 1   | 2  | 3   | 4  | 5   |
|--|---|--|---|--|---|
| <b>Knowledge of Biological Content (5)</b> | Complete lack of knowledge in the topic   | Lacking knowledge: omitting important information  | Lacking knowledge; omitting some information  | Good knowledge, needs a bit more detail  | Excellent knowledge of all major concepts and details   |
| <b>Knowledge of Forensic Content (5)</b>   | Complete lack of knowledge in the topic   | Lacking knowledge: omitting important information  | Lacking knowledge; omitting some information  | Good knowledge, needs a bit more detail  | Excellent knowledge of all major concepts and details   |
| <b>Creativity (2)</b>                      | Little or no creativity, very poor use of materials and ideas   | Poor use of materials, little creativity   | Average use of materials. Lacking some creativity                                   | Good use of materials, original ideas, nice visual aids                            | Excellent use of materials, original ideas, wonderful visual aids                                     |
| <b>Oral Presentation Skills (2)</b>        | Extreme difficulties communicating ideas, due to voice projection, lack of preparation, incomplete work, no eye contact | Great difficulty communicating ideas, due to voice projection, lack of preparation, or incomplete work | Some difficulty communicating ideas, due to voice projection or lack of eye contact | Communicates ideas with proper voice projection. Adequate preparation and delivery | Communicates ideas with enthusiasm, proper voice projection, appropriate language, and clear delivery |
| <b>Citation (2)</b>                        | No citation Work was clearly cut and pasted; Not original work  | Website/Source named Work is mostly cut and pasted from source; no citations                           | Not correct format for site/source; no citations with in presentation               | Work cited page in correct format; no citations with in presentation               | Work cited page in correct format; quotes and citations throughout                                    |
| <b>Grammar and Punctuation (2)</b>         | 5 or more errors; A real mess   | 3-4 errors; clearly not proof read   | 2- 3 errors, some areas need to be re written                                       | 2 typos or errors  | No errors, well written   |

Total Points \_\_\_\_\_/90