

BiologyA: Drugs and Biochemistry Research Project
DUE Wednesday 2/13

- 1) Create a Google Slideshow.
- 2) Share the slideshow with members of your group. Groups may be 2-5 members. You may also work individually.
- 3) When finished, share your presentation with Ms. Rosenthal: rosenthal_d@4j.lane.edu

List of Drugs to Research (Choose One)

Heroin, PCP, Alcohol, Nicotine, LSD, Methamphetamine, Cocaine, Anabolic Steroids, Marijuana, Caffeine, Oxycontin, Mushrooms, or Other (with teacher approval)

Follow the format below for slides.

Each slide should be aesthetically pleasing, and/or contain pictures, and be grammatically correct. You may add additional slides.

Your presentation **must contain the following 14 slides:**

#1 Title Page Name of drug plus name(s) of all group members and period #

#2 Describe what drug looks like (include a picture)

#3 Drug category Stimulant, Depressant, Hallucinogen, etc...

#4 Drug origins Plant it comes from, country of origin, made in a lab, etc...

#5 Common use of drug Ingestion, Inhalation, Injection, etc...

#6-7 How the drug works at a biochemical level Describe how the drug affects the human body at a cellular level. Does the drug mimic a natural chemical? Does the drug bind to or block receptors?

#8 Medical uses past and present

#9 Is the drug addictive? Can one build a physiological tolerance to the drug?

#10 What are the short term and/or long term harmful effects?

#11 Statistics on current usage Focus on U.S. statistics only.

#12 What are the drug's withdrawal symptoms? What are some treatment options to quit using the drug?

#13 Citations Must have 5 or more sources. Use MLA format. Citing pictures/images is not necessary.

#14 End Page