Psychoactive Drug Project

Psychoactive drugs are a part of our lives. Whether they are over the counter, prescription, illegal, or otherwise, they have an impact by helping or hindering our health and performance.

Directions:

Select a drug you want to research and report on. These will be assigned on a first-come, first-serve basis, so have a few drugs in mind when it comes time to choose.

Your report should include the following information:

- 1. Description of the drug, including its makeup
- 2. Classification of the drug
- 3. Slang terms or street names for the drug.
- 4. Ways to ingest the drug
- 5. Similar drugs with the same effects
- 6. Medicinal use of the drug
- 7. Effects
 - a. Psychological effects to the brain
 - b. Physiological effects on the rest of the body
 - c. Duration of effects (both short and long term)
- 8. Dependence (psychological and physical)
- 9. A visual aid -mouse party, a short video or well-chosen images.
- 10. A fooler, which is a falsehood, or something that is definitely not true about your drug. Stay away from numbers.

Presentation:

- You will be graded on the criteria above.
- You may work with another person.

This project will be due on ______ and is worth ____ points. A list of drugs is located below. If there is one not listed that you would like to report on, check with me for approval.

Drug List: Choose 2 per group

Heroin Alcohol Inhalants **Amphetamines** Barbiturates Ketamine Butyrophenones LSD Caffeine Marijuana Clozapine Muscarine Cocaine MDMA (ecstasy) Codeine Meprobamate

Crack Mescaline
Crystal meth Methadone
Datura Methylphenidate
Devtroamphetomine Morphine

Datura Methylpho
Dextroamphetamine Morphine
GHB Nicotine
Hashish Opium

O create a ppt - no more than 10 stides total

@ Font must be at least 20 pt. to Do NOT put to Do much info on each slide

3 speak to us! Do not read to us! know your topic!

points. \$ 25 presentation with me for

OxyContin
Peyote
Phenothiazines
Phencyclidine (PCP)
Psilocybin
(hallucinogenic mushrooms)
Rohypnol (date rape drug)

Secobarbital
Steroids
Strychnine
Thalidomide
Theophylline
Tranquilizers

Chapter 5 States of Consciousness: Hypnosis & Drugs

Pages 192-210

Study Guide/Questions

Directions: As you read this section of chapter 5, answer each question.

5. Identify the major stimulants, and explain how they affect neural activity and behavior.

 Discuss the characteristics of people who are susceptible to hypnosis, and evaluate claims that hypnosis can influence people's memory, will, health, and perception of pain.

2. Give arguments for and against hypnosis as an altered state of consciousness.

 Describe the physiological and psychological effects of hallucinogens, and summarize the effects of LSD and marijuana.

3. Discuss the nature of drug dependence and addiction, and identify three common misconceptions about addiction.

4. Explain how depressants affect nervous system activity and behavior, and summarize the findings on alcohol use and abuse.

7. Discuss the biological, psychological, and social-cultural factors that contribute to drug use.

Chapter 5 States of Consciousness: Sleep and Dreams: pages 175-191

Due December 8, 2014

| Part I: Study Guide/Question | S |
|------------------------------|---|
|------------------------------|---|

| 1. | Describe the cycle of ou this biological clock. | r circadian | rhythm, | and identify | some e | events tha | it can | disrupt |
|----|---|-------------|---------|--------------|--------|------------|--------|---------|
| | this biological clock. | • | | | | | | |

2. List the stages of the sleep cycle, and explain how they differ.

3. Describe individual differences in sleep duration and the effects of sleep loss, noting five reasons that we need sleep.

4. Describe the most common content of dreams, and compare the five major perspectives on why we dream.

5. Identify and describe the major sleep disorders.

Part II: Sleep Cycle Graph—Due Tuesday December 8,20

You may work with a partner or individually. You are going to combine all of your knowledge about sleep into one beautiful sleep cycle graph. Follow this step by step process:

- 1. Recreate the sleep cycle **graph** shown in your text book (or from any Psych resource/text book/online.) It must be large and take up most of your paper (landscape, not portrait) so that you can fit additional information. But, leave about two inches of space in your left-hand margin.
- 2. Draw and label the **brain wave**s in the left-hand margin that correspond to each stage of sleep.
- 3. <u>WATCH</u> at least 5 videos online about sleep. Possible keywords: sleep cycle, stages, brain waves, circadian rhythm and/or the terms in question #4, etc...
- 4. On your graph, <u>label</u> where the following may take place during a night of sleep: *dream, nightmare, night terror, sleep walking, twilight, sleep spindle, hallucination, paradoxical sleep, REM, NREM*

Part III: Sleep Log—Due on December 8, 2014

You should make a chart and keep track of each of the following for at least 5 days.

Thanksgiving Break is a GREAT time to try this!

| Day/Date | Time to Bed | Time Awake | Dreams? Include summary if yes | Number of hours Slept | How did you feel upon waking? | Number of naps today | Energy level throughout the day Scale of 1-5, 5 being the highest energy | Caffeine intake |
|----------|-------------|---------------|---|--------------------------|--|-------------------------|---|--------------------|
| | | | | | | | | |