A Psychoactive Drug: Definition
Any substance that directly alters the ________________ functioning of the central nervous system (CNS)

Trouble with classifying drugs
So many names:
__________________ names
Trade names
__________________ names

Take cocaine
Chemical name: benzoylmethyl ecgonine
Trade name: ______________
Street name: Coke, Flake, Snow, Dust, Happy Dust, Gold Dust, Heaven Dust, Girl, Cecil, Lorine, C, Toot, ______________

Classify by effects
Uppers

All Arounders

Sports Drugs

Uppers
______________, Amphetamines, ________________, nicotine and more…
Physical Effects
Short term: stimulated the CNS
Long term: can deplete the body’s energy resources and lead to complete
__________________ Heart problems, seizures
Mental Effects
Short term: ________________, a “rush,” jittery, anger, aggression
Long term: anxiety, paranoia, anhedonia (no pleasure), confusion, psychosis

Downers
4 groups:
Opiates and opioids:
______________, heroin, codeine, oxycontin, vicodin, demerol, methadone
Sedative-hypnotics:
Benzodiazapines, ________________, Valium, Ambien
Others:

Antihistamines, muscle relaxers

**Downers**

**Physical Effects**

Depress the CNS: ________________ muscles, slows the heart and breathing, induces sleep, diminishes ________________

Combining is dangerous:

Using a sedative with alcohol can slow things too much

Excessive use: ________________ speech, sexual dysfunction

Digestive problems???

Opiates cause constipation

Excessive use of sedatives and alcohol can cause long term digestive problems

**Mental Effects**

Short term: ________________ inhibitions

Almost seem like stimulants because people seem “freer” to do more

Long term: induces ________________, relaxes and dulls the “mind,” eliminates anxiety

**All Arounders**

4 Groups

**Ergots and Indoles**

______________, DMT, some ________________

**Phenylalkylamines**

______________, MDMA

**Cannabinoids**

Marijuana and ________________

**Others**

Ketamine, PCP, other mushrooms, nutmeg (yes nutmeg)

**Physical Effects**

Cacti and mushrooms: ________________ and dizziness

Marijuana: increases appetite

LSD: raises blood pressure, ________________

MDMA and LSD can act as stimulants

**Mental Effects**

Typically taken for their ________________ effects, not the physical ones

Distortion of sensory messages

Illusions, hallucinations, ________________

Synesthesia
When a sound is represented by a vision or some other senses get switched

**Inhalants**
Organic solvents
  - Glue, ____________, paints, household sprays
Volatile nitrates
Anesthetics (like _____________________________________________________________________)
Physical Effects
  - Most often CNS ____________
    - Drowsy, lower blood pressure, fainting, coma, toxicity to certain body tissues
Mental Effects
  - Short term: ________________, excitement, irritability, may cause a “rush”
  - Long term: delirium and hallucinations

**Sports Drugs: Performance Enhancing Drugs**
Anabolic androgen ________________
Stimulants (ephedrine, amphetamine)
Human growth ________________
Herbal supplements (creatine)

**Sports Drugs**
Physical Effects
  - Increase ________________
    - Increase testosterone levels (up to 1000x as much as normal)
    - Some increase ____________ levels
    - Acne, high blood pressure, shrunken testes, masculinization in women
Mental Effects
  - Stimulant like ________________
    - Confidence and aggression
  - Long term: ________________

**Other meds**
Antidepressants: Prozac, Zoloft
Antipsychotics: Respiridol, Zyprexa
Antianxiety meds: Xanax, Inderal
Mainly taken to ________________ ________________ brain chemistry