**Read: Ch. 19 Medicines and Drugs**

Lesson 1: The Role of Medicines

Discussion question: Do we live in a medicated society as Americans? Explain.

What percentage of Americans are drug users?

**Medicines are classified by how they work in your body**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_- substances other than food that change the structure or function of the body or mind

\_\_\_\_\_\_\_\_\_\_\_\_\_\_- drugs that are used to treat of prevent diseases or other conditions

Purpose:

* Help \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ disease
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pathogens
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pain and other symptoms
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ body’s systems/manage chronic conditions/maintain or restore health

**Preventing \_\_\_\_\_\_\_\_\_\_\_\_\_:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- a preparation that prevents a person from contracting a specific disease

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- fight the bacteria that produce substances toxic in the body

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - destroys disease-causing microorganisms (bacteria)

Antivirals and Antifungals- \_\_\_\_\_\_\_\_\_\_\_\_\_ viruses (colds, fever blisters, etc.) and fungi (ringworm, or athletes foot)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - used to relieve pain and inflammation

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Conditions:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ medicines- antihistamines reduce allergy symptoms (sneezing, itching, and watery eyes)

Body \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Medicines- regulate body chemistry (insulin)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: help individuals from mental illnesses (brain chemistry, moods)

**How we take \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Reactions to Medicines**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- reaction to medicine other than the one intended

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- medicines **work together** in a positive way (anti-inflammatory and a muscle relaxer to treat joint pain)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- the **interaction** of two or more medicines that result in a **greater effect** than when each medicine is taken alone

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- one medicine is **canceled or reduced** when taken with another medicine

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- a condition in which the body becomes used to the effect of a medicine. The body requires increasingly larger doses to produce the same effect.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_- someone stops using a medicine on which he/she becomes physiologically dependent.

**Withdrawal Symptoms:**

* Nervousness, insomnia, severe headaches, vomiting, chills, and cramps

Lesson 2: Using Medicines Safely

How many drugs can you name? OTC? Prescription?

Prescription - medicines that are dispensed only with the \_\_\_\_\_\_\_\_\_\_\_\_\_ approval of a licensed physician

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (OTC)- you can buy without a doctor’s prescription

Over the Counter Label- have to be approved by the \_\_\_\_\_\_\_\_\_\_ so that the drug is considered to be safe enough of everyone

**Medicine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: using a medicine in ways other than the intended one**

* Failing to follow the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Giving a prescription medicine to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Taking too \_\_\_\_\_\_\_\_\_\_ or too \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a medicine
* Taking a medicine for a longer or shorter period of time than the one recommended
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ use of a medicine without the doctor’s knowledge
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ medicines

**Medicine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: intentionally taking medications for nonmedical reasons**

* Teens should avoid using drugs to:
* To lose weight or stay awake
* To fit in with peers (pill parties- mixing as many OTC medicines as you can and taking them all at once to see the effects)
* Avoid taking medicines that were prescribed to someone else

Pain Medicine Mistakes? Accidental overdoses?

Create a Venn Diagram to show the similarities/differences between;

Drug Use

Drug Misuse

Drug Abuse