**Senses Study Guide**

* What is sensory adaptation?
* What are the different types of somatic senses?
* What are the 5 different types of sensory receptors? Know what each type responds to.
* What is referred pain? How does it work?
* What are the differences between acute and chronic pain fibers?

* What are the body’s natural painkillers and how do they work?
* Know the 4 types of special senses and the type of sensory receptors for each.
* What are the 4 primary taste sensations of the tongue?
* Why can some people tolerate really spicy food and other people can’t stand it?
* What are the 3 sections of the ear? Know the major components of each part.
* What is the path of the sound waves as they travel through the ear? What structures are involved and in what order?
* Where are the hearing receptors located in the ear?
* What is the function of the Eustachian tube?

* What are the auditory ossicles? What is their function?
* What are the types of equilibrium? Know the differences between them.
* Where are the photoreceptors located in the eye?
* What is the function of the rods? The cones?

* Where is the aqueous humor located? The vitreous humor?
* What is the lacrimal apparatus? What effect does it have on us when we cry?
* Be able to identify and label the following parts of an eye:
  + Cornea, Iris, Pupil, Lens, Sclera, Optic nerve, Retina