

1. Olfactory adaptation: Take cologne/incense/oil of cloves and smell it. Breathe in through the nose and out through the mouth.
 - a. Record how many breaths it takes before you no longer smell the substance (strongly)?
 - b. Try a different substance. Did it diminish faster, slower or the same?
 - c. How many breaths for you partner?

2. Taste: (this shows genetic differences in taste sensations)

Taste PTC paper.

	PTC	Thiourea		Sodium Benzoate (a food preservative)	% of class taste
You				You taste?	
				Salty	
Class				Sweet	
% taste				Bitter	
% non				Sour	
% super				Soapy	
				No taste	

3. Vision: **Snellen chart at 20 ft. marks on floor**
- a. use the Snellen Chart to measure visual acuity.
 - i. Right eye left eye

 - b. Astigmatism: Which band looks darkest
 - i. Right eye left eye

 - c. Blind spot. . **Have 3x 5 cards with an x and a dot. Have dot on the outside. Instruct students to look at the x and bring the card closer until the dot disappears.**
 - i. Move image to see if you can locate you blind spot. Can you?

 - d. Accomodation: How close can you move this page with one eye closed before it gets out of focus?
 - i. Left eye Right eye.

 - e. Convergence. With both eyes open, How close can you bring a pencil toward you before you see two ?

 - f. Color Blindness: Record what you see.

Plate 1	
Plate 2	
Plate 3	
Plate 4	
Plate 5	
Plate 6	
Plate 7	
Plate 8	
Plate 9	
Plate 10	

4. Sound localization Have your partner close their eyes. Have them see if they can locate where you are. Is there a spot where they cannot localize?

5. Balance **standing for a minute with the eyes closed**

1. Did they stay still or sway? _____

2. How long did it take for them to sway _____

3. How long before they noticed they thought they were swaying _____

6. Body position: (proprioception) Close your eyes and attempt to mark the same spot twice on the blackboard. Make three attempts.

What was the closest? _____ What was the furthest? _____ Average? _____

Special yardsticks measure reaction time

7. Response Time: Attempt to catch a ruler. What is the average distance dropped for three tests?

8. Reflexes: Take a rubber hammer and hit the knee on your partners crossed leg. Did they kick? How about the other leg?

