

Testing Cranial Nerves Activity Sheet

Station 1 Olfactory (I)

A. Have your lab partner close both eyes and plug one nostril. Hold a familiar smell under the open nostril and ask him/her to identify it. Test the other nostril with a different smell.

Station 2 Optic (II)

A. Ask your lab partner to cover one eye. Hold the printed material approximately 18 inches away and have them read two sentences. Repeat the procedure using the other eye.

Station 3 Oculomotor (III), Trochlear (IV), & Abducens (VI) *Tested together*

A. Hold your forefinger about 18 inches away from partner's eyes. Ask your partner to follow your finger with his/her eyes as you draw the letter "H". Partner's eyes should move together as they follow your finger with their eyes. Head should not move.

B. Shine the penlight into your partner's eye from approximately 8 inches away. Pupil should constrict immediately. Repeat with other eye.

Station 4 Trigeminal (V)

A. Put your fingertips on your partner's temples & ask him/her to clench their teeth. Place your finger on the masseter muscles, placing your fingertips on his/her jaw & ask them to clench their teeth.

B. Have partner close both eyes. Lightly touch his/her forehead, cheek, and jaw on both sides of the face using a cotton ball. Have them tell you when they feel the cotton touching them.

Station 5 Facial (VII)

A. Have your partner raise their eyebrows, frown, smile and puff out their cheeks.

B. Have your partner tightly close their eyes & resist your **gentle** attempts to open them.

Station 6 Acoustic (VIII)

A. Stand 2 feet slightly behind your partner's right side. Whisper several numbers and see if they can repeat them. Repeat on other side.

Station 7 Glossopharyngeal (IX) & Vagus (X)

A. Place your hand on your lab partner's throat & ask him/her to swallow.

Station 8 Spinal Accessory (XI)

A. Place your hand against partner's cheek and have them turn their head as you apply resistance.

B. Place your hands on your partner's shoulders & have him/her shrug their shoulders as you apply resistance.

Station 9 Hypoglossal (XII)

A. Have our partner stick out their tongue. Note any deviations.

B. Ask your partner to move the tongue from side to side.

Complete the table.

Name of partner tested _____

<i>CRANIAL NERVE</i>	<i>OBSERVED RESPONSE</i>
I. Olfactory	
II. Optic	
III. Oculomotor	
IV. Trochlear	
V. Trigeminal	
VI. Abducens	
VII. Facial	
VIII. Acoustic	
IX. Glossopharyngeal	
X. Vagus	
XI. Spinal Accessory	
XII. Hypoglossal	