

BRAIN STEM ANATOMY STUDY CHART

Student Name:

Date:

REGION	KEY INTERNAL STRUCTURES & NUCLEI	CRANIAL NERVE ASSOCIATIONS
Midbrain (Mesencephalon)		
Tectum / Tegmentum	Superior/Inferior Colliculi, Red Nucleus, Substantia Nigra, Cerebral Peduncles	CN III (Oculomotor) CN IV (Trochlear - Posterior Exit)
Pons (Metencephalon)		
Basilar / Pontine	Pontine Nuclei, Locus Coeruleus, Fourth Ventricle Floor, MCP	CN V (Trigeminal) CN VI (Abducens) CN VII (Facial) CN VIII (Vestibulocochlear)
Medulla Oblongata (Myelencephalon)		
Pyramids / Olives	Inferior Olivary Nucleus, Nucleus Gracilis/Cuneatus, Pyramidal Decussation	CN IX (Glossopharyngeal) CN X (Vagus) CN XI (Accessory) CN XII (Hypoglossal)

Cross-Sectional Diagram Space

Midbrain Level

Sketch Here

Pons Level

Sketch Here

Medulla Level

Sketch Here

Clinical Correlations & Tracts