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Synaptic Transmission - VA	VA	<p>VA.9-12. - Virginia 2010 Science Standards of Learning - BIOLOGY</p> <p>BIO.1. - The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations in which</p> <p>BIO.1.b) - Hypotheses are formulated based on direct observations and information from scientific literature.</p> <p>BIO.1.c) - Variables are defined and investigations are designed to test hypotheses.</p> <p>BIO.1.d) - Graphing and arithmetic calculations are used as tools in data analysis.</p> <p>BIO.1.e) - Conclusions are formed based on recorded quantitative and qualitative data.</p> <p>BIO.1.j) - Research utilizes scientific literature.</p> <p>BIO.1.k) - Differentiation is made between a scientific hypothesis, theory, and law.</p> <p>BIO.1.l) - Alternative scientific explanations and models are recognized and analyzed.</p> <p>BIO.1.m) - Current applications of biological concepts are used.</p> <p>BIO.2. - The student will investigate and understand the chemical and biochemical principles essential for life. 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