

October 2016

October 2016						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	<p>3 Day 2</p> <p>Mitosis & functions of cell division</p> <p>Meiosis and sexual development (to be revisited in the reproductive unit)</p> <p>Textbook questions p.62 1,3</p> <p>Assign textbook questions + Hw sheets</p>	<p>4 Day 3</p> <p>Mitosis and Meiosis gummy worm activity</p>	<p>5 Day 4</p> <p>Genetic diversity</p> <p>GMOs/ Genetic Transformation</p> <p>Ted Talks : Paul Root: Ethics behind biotechnologies</p> <p>p.62 #5</p> <p>p.432 #15-17</p>	<p>6 Day 5</p> <p>Open house</p> <p>Introduction Nervous System: Nerve Cells, CNS, PNS</p> <p>Brain Diagram</p> <p>Brain Myths</p> <p>CNS vs. PNS</p> <p>p.145 #8,9</p>	7 PED	8
9	10 Holiday	<p>11 Day 6</p> <p>Class review for Test</p> <p>Teams Game Tournament</p>	<p>12 Day 1</p> <p>Test</p> <ul style="list-style-type: none"> -DNA, Genes, Chromosomes -Dominant & Recessive Alleles - Levels of Organization - Cell culture -Mitosis & functions of cell division -Meiosis and sexual development -Genetic diversity -GMOs, Genetic transformation 	<p>13 Day 2</p> <p>Neurons: Parts of the neuron and functions+ diagram</p> <p>How neuron cells communication-</p> <p>neurotransmitter and synapse</p> <p>Sensory vs. Motor neurons</p> <p>Video animations of nerve cell synapse</p> <p>p.145 #5-7</p>	<p>14 Day 3</p> <p>Interim report card handed out</p> <p>Neuron model activity</p> <p>p.144 #1-4</p>	15

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16	<p>17 Day 4</p> <p>Voluntary vs Involuntary actions</p> <p>Paste the template for reflex arc + notes</p> <p>p.145 #11</p>	<p>18 Day 5</p> <p>Eye Dissection + Alternative of taking apart model</p>	<p>19 Day 6</p> <p>Intro :The 5 Senses- Sensory Receptors</p> <p>Eye part functions</p> <p>Go over Test</p> <p>p.155 #2 – 3</p>	<p>20 Day 1</p> <p>What is the eye detecting?</p> <p>Visible Light and the Electromagnetic Spectrum – paste in diagram</p> <p>Powerpoint and Activity/video</p> <p>p.313 #5</p>	<p>21 Day 2</p> <p>Quiz</p> <p>Everything so far in the Nervous system Unit</p>	22
23	<p>24 Day 3</p> <p>pencil in glass of water</p> <p>Deviation of Light Waves – Reflection and Refraction Powerpoint</p> <p>p.313 #6-8</p>	<p>25 Day 4</p> <p>Complete</p> <p>Deviation of Light Waves – Reflection and Refraction Powerpoint</p> <p>p.314 # 9-12</p>	<p>26 Day 5</p> <p>Introduce theme of Lab</p> <p>Exam: How Glasses correct vision problems ... quick intro</p> <p>Types of Lenses: Convex vs. Concave Powerpoint + with blackboard activity kit</p> <p>*Can also review reflection with kit</p> <p>Activity of Drawing Ray diagrams with physics materials – Convex vs. Concave (ray box with splitters)</p> <p>What is a focal point and where will the image form?</p>	<p>27 Day 6</p> <p>How the lenses correct eye problems -myopia vs. hyperopia – with lab</p> <p>questions from book to be assigned</p> <p>p.155 #4-8</p>	<p>28 Day 1</p> <p>Mini-lab with optical benches and Lenses lab</p> <p>Procedure for optical bench... verbal group brainstorm ... then paste procedure in their notes</p>	29
30	<p>31 Day 2</p> <p>Review of Eye problems and corrections for the problem.</p> <p>Continue with explaining Lab exam</p>	<p>Notes:</p>				

