

October 2018

◀ Sep 2018		October 2018					Nov 2018 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
	1 PED Ultrasound at 10 am????	2 Day 4 Mitosis & functions of cell division Meiosis and sexual development (to be revisited in the reproductive unit) Textbook questions p.62 1,3 Assign textbook questions + Hw sheets	3 Day 5 Mitosis and Meiosis Gummy Worms Activity	4 Day 6 Open House 6-9pm Genetic diversity GMOs/ Genetic Transformation Ted Talks : Paul Root: Ethics behind biotechnologies p.62 #5 p.432 #15-17	5 Day 1 Introduction Nervous System: Nerve Cells, CNS, PNS Brain Diagram Brain Myths CNS vs. PNS p.145 #8,9	6	
7	8 Holiday	9 Day 2 Class review for Test Teams Game Tournament	10 Day 3 Test -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	11 Day 4 Neurons: Parts of the neuron and functions+ diagram How neuron cells communication- neurotransmitter and synapse Sensory vs. Motor neurons Video animations of nerve cell synapse p.145 #5-7	12 Day 5 Interim Report Card Neuron model activity p.144 #1-4	13	

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<p>14</p>	<p>15 Day 6</p> <p>Voluntary vs Involuntary actions</p> <p>Paste the template for reflex arc + notes</p> <p>p.145 #11</p>	<p>16 Day 1</p> <p>Quiz</p> <p>Everything so far in the Nervous system Unit</p>	<p>17 Day 2</p> <p>Eye Dissection + Alternative of taking apart model</p>	<p>18 Day 3</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>19 Day 4</p> <p>What is the eye detecting?</p> <p>Visible Light and the Electromagnetic Spectrum – paste in diagrams</p> <p>Powerpoint and Video</p> <p>p.313 #5</p>	<p>20</p>
<p>21</p>	<p>22 Day 5</p> <p>pencil in glass of water</p> <p>Deviation of Light Waves – Reflection and Refraction</p> <p>Powerpoint</p> <p>p.313 #6-8</p>	<p>23 Day 6</p> <p>Complete</p> <p>Deviation of Light Waves – Reflection and Refraction</p> <p>Powerpoint</p> <p>p.314 # 9-12</p>	<p>24 Day 1</p> <p>Introduce theme of Lab</p> <p>Exam: How Glasses correct vision problems ... quick intro</p> <p>Types of Lenses: Convex vs. Concave</p> <p>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>25 Day 2</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>26 PED</p>	<p>27</p>

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28	29 Day 3 Mini-lab with optical benches and Lenses lab Procedure for optical bench... verbal group brainstorm ... then paste procedure in their notes	30 Day 4 Review of Eye problems and corrections for the problem. Continue with explaining Lab exam	31 Day 5 Large Mind Map – Class Review			