

Our Biology Class Lesson Plan Outline

Subject to Change

Week of: 11/12/18

| Monday | Tuesday | Wednesday | Thursday | Friday | Following Week |
|---|--|--|---|---|---|
| Per 2: Botany / Zoology | Per 2: Botany / Zoology | Per 2: Botany / Zoology | Per 2: Botany / Zoology | Per 2: Botany / Zoology | Per 2: Botany / Zoology |
| <p>DUE: Color</p> <p>Video: First Flower ~56mins -bring a snack/drink</p> <p>HW: VSP/TRAVEL</p> | <p>Video: continued</p> <p>Lecture: Reproduction of Angio-sperms</p> <p>HW: VSP/TRAVEL</p> | <p>Lecture: Reproduction of Angio-sperms</p> <p>PPt Video ~ 20mins</p> <p>ICA/OCA: SG “Flower Anatomy and Life Cycle of Angiosperms”</p> <p>HW: VSP/TRAVEL/SG</p> | <p>Lab: Flower Dissection</p> <p>HW: VSP/TRAVEL/SG/Lab</p> | <p>DUE: SG DUE: Lab Q/A</p> <p>Lecture: Pollination</p> <p>HW: VSP/TRAVEL/Study</p> | <p>QUIZ: Flower Anatomy / Life Cycle Lecture: Fertilization OCA: Color “Pollination and Fertilization” Lecture: Seed Development and Germination</p> |
| Per’s 3,5,6: General Biology | Per’s 3,5,6: General Biology | Per’s 3,5,6: General Biology | Per’s 3,5,6: General Biology | Per’s 3,5,6: General Biology | Per’s 3,5,6: General Biology |
| <p>Lecture: Ecological Limits, Effects and Interactions</p> <p>ICA/OCA: SG “Limits, Effects and Interactions”</p> <p>HW: TRAVEL/SG/Bottle</p> | <p>DUE: SG</p> <p>Part III: Fungi Lab Time (draft) -results -conclusion -picture/graph (opt)</p> <p>Lab: TerraAqua Eco-Column -introduction / discuss</p> <p>HW: TRAVEL/Bottle/TAEC</p> | <p>Part III: Fungi Lab Time (typed) -results (qual/quant) -conclusion -picture/graph (opt) -shared (tbd)</p> <p>Lab: TerraAqua Eco-Column -brainstorming</p> <p>HW: TRAVEL/Bottle/TAEC</p> | <p>DUE: Fungi Lab – shared</p> <p>Lab: TerraAqua Eco-Column -brainstorming -materials -building</p> <p>ICA/OCA: Ecology Puzzle</p> <p>HW: TRAVEL/Bottle/TAEC /Puz</p> | <p>DUE: 2L Clear Bottle w/ Cap DUE: Puzzle</p> <p>Lab: TerraAqua Eco-Column -materials -building -note: live animals Monday</p> <p>HW: TRAVEL/TAEC</p> | <p>M: Lab: TerraAqua Eco-Column T: DUE: Lab and Disassembly Mini-Lab: Earth Apple bkup: Video: Lorax ~ 25 mins</p> <p>M: DUE: TRAVEL Video: Journey of Life Together ~45 mins Study Session @305 T: TEST</p> |
| Per 4: Anatomy / Physiology | Per 4: Anatomy / Physiology | Per 4: Anatomy / Physiology | Per 4: Anatomy / Physiology | Per 4: Anatomy / Physiology | Per 4: Anatomy / Physiology |
| <p>Video: Body Atlas ~35 mins</p> <p>WQ Time</p> <p>Note: DUE: WQ 12/12/18</p> <p>HW: WQ/TRAVEL</p> | <p>DUE: TRAVEL</p> <p>QUIZ: Abdominal Cavity</p> <p>Discuss TEST – Study Session</p> <p>HW: WQ/Study</p> | <p>TEST</p> <p>OCA: TRAVEL</p> <p>HW: WQ/TRAVEL</p> | <p>Lecture: Heart and Vessels</p> <p>OCA: Color “Heart”</p> <p>HW: WQ/TRAVEL/Color</p> | <p>DUE: Color</p> <p>Lecture: Vessels</p> <p>Mini-Lab: Carp-illaries</p> <p>OCA: Color “Vessels”</p> <p>HW: WQ/TRAVEL/Color</p> | <p>DUE: Color</p> <p>Lecture: Associated Structures and Contraction Types Lab: Heart Dissection Lab Practical: Heart Dissection Lecture: Pathways Video: Circulatory System ~22mins SG “Analyzing the Human Heart” SG “Intro, Vessels and Pathways”</p> <p>DUE: WQ 12/12/18</p> |
| Per 7: Advanced Biology | Per 7: Advanced Biology | Per 7: Advanced Biology | Per 7: Advanced Biology | Per 7: Advanced Biology | Per 7: Advanced Biology |
| <p>Lecture: Chlorophyll and Other Pigments and the Nature of Light</p> <p>Mini-Lab: Fluorescence</p> <p>HW: TRAVEL</p> | <p>Lab: Plant Pigments</p> <p>HW: TRAVEL/Lab Q/A</p> | <p>DUE: Lab Q/A</p> <p>Lecture: Photosystems</p> <p>ICA/OCA: SG “Introduction to Photosynthesis”</p> <p>HW: TRAVEL/SG</p> | <p>DUE: SG</p> <p>Lecture: Non-Cyclic Light Dependent Reaction (PII) - ATP</p> <p>HW: TRAVEL/Study</p> | <p>QUIZ: Introduction to Photo-Syn</p> <p>Lecture: Non-Cyclic Light Dependent Reaction (PI) - ATP</p> <p>Mini-Lab: Guard Cells</p> <p>HW: TRAVEL</p> | <p>Lecture: Non-Cyclic “and” Cyclic Light Dependent Reaction (PI) – NADPH SG: “Light Dependent Reaction” Color: “Light Dependent Reaction” Lab: Light Dependent Reaction Part I Lab: Light Dependent Reaction Part II QUIZ: Light Dependent Reaction</p> |

ICA / ICD = “In Class Assignment/Activity / Demo”
OCA = “Out of Class Assignment/Activity”
TBD / TBA = “To Be Discussed / Announced”

HW = “Homework”
SG = “Study Guide”
TRAVEL = Reading/Vocabulary Assignment(s)/Quiz

SS = “Study Session”
GD = “Google Drive” Shared Folder
LbL = Learning before Lecture” Text Required