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| **TOPIC** | **Due Date** | **Lab Focus** | **URL** | **Assignment** |
| Ecology – interdependent relationships | Friday, Apri1 1 | Food webs, energy transfer, interdependent relationships, trophic levels, vocab review | <http://www.glencoe.com/sites/common_assets/science/virtual_labs/CT06/CT06.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Ecology – biogeochemical cycles | Friday, Apri1 1 | Nitrogen cycle – process and impacts  **Username –** [**Elizabeth.moretz@slcschools.org**](mailto:Elizabeth.moretz@slcschools.org)  **PW – biology2015** | <http://amrita.vlab.co.in/?sub=3&brch=272&sim=1411&cnt=1> | Complete self-evaluation  Carry out virtual lab  Complete the student assignment |
| Biochemistry – enzyme activity | Monday, April 4 | Effect of pH on lactase enzyme activity | <http://www.mhhe.com/biosci/genbio/virtual_labs/BL_11/BL_11.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Biochemistry – photosynthesis/respiration | Monday, April 4 | Movement of carbon in photosynthesis | <http://www.classzone.com/books/hs/ca/sc/bio_07/virtual_labs/virtualLabs.html> | Carry out virtual lab  Answer journal questions – hypothesis, experiment, analysis, data/conclude |
| Cell Bio. – cell membrane | Friday, April 8 | Osmosis and diffusion in different cell types | <http://www.glencoe.com/sites/common_assets/science/virtual_labs/LS03/LS03.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Cell Bio – mitosis/meiosis | Friday, April 8 | Comparison of mitosis and meiosis | <http://www.mhhe.com/biosci/genbio/virtual_labs_2K8/labs/BL_03/index.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Anatomy | Monday, April 11 | Flower anatomy, pollination, fertilization | <http://www.glencoe.com/sites/common_assets/science/virtual_labs/LS11/LS11.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Genetics - Mendelian | Wednesday, April 13 | Punnett squares in fruit fly inheritance | <http://www.mhhe.com/biosci/genbio/virtual_labs_2K8/labs/BL_05/index.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Genetics – Protein Synthesis | Wednesday, April 13 | Practice transcription and translation | <http://learn.genetics.utah.edu/content/molecules/transcribe/> | Carry out online transcription and translation.  Record your results |
| Evolution – natural selection | Friday, April 15 | Manipulate mutations and environment to determine how the population evolves | <http://www.glencoe.com/sites/common_assets/science/virtual_labs/LS06/LS06.html> | Carry out virtual lab  Complete data table  Answer journal questions |
| Evolution - evidence | Friday, April 15 | Classification of bacteria through DNA analysis | <http://www.mhhe.com/biosci/genbio/virtual_labs_2K8/labs/BL_09/index.html> | Carry out virtual lab  Complete data table  Answer journal questions |