**DCSD Instructional Planning Instrument Focus on Teaching and Learning**

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| **LAKESIDE HIGH SCHOOL** | | | |
| **Weekly Components** | | | |
| **Teacher:**  **Co-Teacher/Para:** | Pastirik; Johnson; Hoover |  |  |
| **Course:** | Biology |  |  |
| **Essential Question(s): (address philosophical foundations; contain multiple answers; provoke**  **inquiry)** | When, Why, and How is today's material important to you? How may it be applied to the "real-world"? | | |
| **Priority Standards:**  **(content specific)** | SB1.  OBTAIN, EVALUATE, and COMMUNICATE information to analyze the nature of the relationships between structures and functions in living cells. | | |
| **Success Criteria:**  **(content specific)** | Video; Parasites – host, vector, pathogen, parasite, parasitism, commensalism, mutualism, morbidity, and mortality = completion of the video sheet's questions and add-on reverse side material  Lab – concerns plasma membrane and its control relationship to movement of material into and out of a cell – selective permeability – tonicities - hyper-, hypo-, isotonic solutions, osmosis, diffusion, and dynamic equilibrium.  Cell anatomy (organelles – plasmamembrane, mitochondria, vacuoles, etc.) and their function | | |
| **Activating Strategy:**  **(content specific)** | Introductory discussion, posing of "what is, and what if" questions, followed by why and how? | | |
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October 10, 2017; Tuesday

WOD: meta, micr/o, mon/o

check on Lab mealworm metamorphosis

Finished Video with questions "Parasites"

Distributed deficiences as needed (oh joy....) - maybe!

Colored Pencils needed for Thursday 10/12/17

36 note cards Friday 10/13/17

Start notes 7 - Cells (anatomy and their workings!)

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October 11, 2017; Wednesday

WOD: morph/o, nema, neuro, nod

Lab: Plasma or Cell Membrane

PSAT day; oh joy!

Start notes 7 - Cells (anatomy and their workings!) - as we can

Colored Pencils needed for Thursday 10/12/17

36 note cards Friday 10/13/17

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October 12, 2017; Thursday

WOD: , nomy(e), olig/o, omn, orni(s)

Colored Pencils needed for Thursday 10/12/17 - today

36 note cards Friday 10/13/17

Start notes 7 - Cells (anatomy and their workings!) - as we can

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October 13, 2017; Friday

WOD: oste/o, ov

Start notes 7 - Cells (anatomy and their workings!) - as we can

Colored Pencils needed for Thursday 10/12/17

36 note cards Friday 10/13/17 - today