**Westside High - Weekly Plan to Align Lessons (Week At a Glance)**

**Subject:** \_\_Science\_\_\_\_\_\_\_\_ **Course:** \_Biology\_ **Grade:** \_9, 10\_ **Date:** 8/29 – 9/2/2022

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| **Standard:** **SB1a**- Construct an explanation of how cell structures and organelles (including nucleus, cytoplasm, cell membrane, cell wall, chloroplasts, lysosome, Golgi, endoplasmic reticulum, vacuoles, ribosomes, and mitochondria) interact as a system to maintain homeostasis.  **Assessment:  Quiz  Unit Test  Project  Lab  None** | | | | | |
|  | **Learning Target**  **(What)** | **Opening**  *(10 - 15 Mins)* | **Work-Session**  *(20 - 25 mins)* | **Closing**  *(5 - 10 mins)* | **Criteria for Success**  **(How)** |
| *(Include at least one/two Formatives\*in any part of the lesson as needed)* | | |
| **Monday** | I can relate the structures and functions of enzymes to their roles in the cell. | Warm-up pertaining to previous Friday’s lesson -  Macromolecules.  Intro. enzymes (apk). | Enzymes (Proteins):  Students will complete note sheet over enzymes through the use of ppt. | Checking for understanding: TOTD: Enzymes (2 things you learned; 1 thing you do not understand?) | ☒ Can I relate the structures and functions of enzymes to their role in the cell?  Can I identify the functions of cell parts and organelles?  Can I relate the structures and functions of organelles to their role in a specific type of cell (e.g. many mitochondria in muscle cells)?    **‘** |
| **Tuesday** | I can identify the functions of cell parts and organelles. | Warm-up pertaining to enzymes.  Intro. to the CELL. | Cell Theory/Characteristics: students will begin note taking with teacher’s aide over cellular characteristics & theory.  (i.e. – Prokaryotic vs. Eukaryotic) | Q & A discussion over cellular characteristics. (checking for understanding/misconceptions) |
| **Wednesday** | I can identify the functions of cell parts and organelles. | Warm-up pertaining to previous day’s lesson – prokaryotic/eukaryotic. | Cellular structures (i.e. – organelles, membrane, etc.) students are to complete notes/diagram depicting organelles and their function. | Q & A discussion over cellular structures.  (checking for understanding/misconceptions) |
| **Thursday** | I can relate the structures and functions of enzymes to their roles in the cell, identify the functions of cell parts and organelles, and distinguishing between different cell types and their structures. | Warm-up pertaining to previous day’s lesson -  organelles (apk). | Assessment Review: Cell Test  Teacher reviews with students with ppt. (CANVAS) | Checking for understanding: Cell test. |
| **Friday** | I can relate the structures and functions of enzymes to their roles in the cell, identify the functions of cell parts and organelles, and distinguishing between different cell types and their structures. | Warm-up pertaining to constructed response question from test. | Assessment: Cell Test  Teacher administers test. | Questioning on understanding/misconceptions over day’s lesson – Cell test. | Monday (9/5) – **Labor Day**  Tuesday (9/6) – **Student “Learn @ Home”**  Wednesday (8/31) – **cont. cellular characteristics/structures (Cell Membrane).** |

**\*** Exit Ticket/Final Stretch Check  Electronic Tools  Dry Erase Boards – quick checks  Turn & Talk Discussion (verbal responses)  Teacher Observation – document Clipboard Anchor Person

Quick Write  Exemplars/Non-Exemplar  Rubric  Check-List  Self-Assessment/Peer Assessment  The Main Formative- evidence  Questioning  Super Sleuth  Other\_\_\_\_\_\_\_\_