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| **Week****Of****January 11-15** | **Jennings Senior High** |
| **Subject: Biology and Honors Biology** | **Grade Level: 9-12** | **Instructor(s): Ms. C. White** |
|  | **Monday**  | **Tuesday**  | **Wednesday**  | **Thursday**  | **Friday** |
| **Key Concepts -Learning****Targets /Daily Objective**  | Student will be able recognize that chromosomes of daughter cells, formed through the process of asexual reproduction and mitosis, the formation of somatic (body) cells in multicellular organism are identical to the parent cell. | Student will be able recognize that chromosomes of daughter cells, formed through the process of asexual reproduction and mitosis, the formation of somatic (body) cells in multicellular organism are identical to the parent cell. | Students will be able to distinguish between Asexual and Sexual Reproduction and provide examples for each. | Student will be able recognize that chromosomes of daughter cells, formed through the process of asexual reproduction and mitosis, the formation of somatic (body) cells in multicellular organism are identical to the parent cell. |  |
| **Common Core****Standards** | LO-2-A-c, LO-2-A-a, LO-2-B-a, LO-2-B-b, LO-2-D-aLO-3-C-dLO-3-C-cLO-3-C-bLO-3-C-aLO-3-A-aLO-3-D-a LO-2-A-c, LO-2-A-a, LO-2-B-a, LO-2-B-b, LO-2-D-a |
| **Vocabulary** | Chromosome, Chromatin, Cell cycle, Cell division, Asexual reproduction, Interphase, Mitosis, Sexual reproduction, Cytokinesis,, Prophase, Centromere, Chromatid, Centriole, Metaphase ,Anaphase, Telophase, Somatic |
| DOK Levels  | 3/4 | 3,4 | 3,4 | 3,4 | 3,4 |
| **Class Procedures/Lesson Design** | Do now – What is the definition of Mitosis; and include the phases in order? | Do now – What is the definition of Mitosis; and include the phases in order? | Do Now – Describe how a wound heals | Do Now : Mini Quiz Sexual and Asexual Reproduction (10 min) | Do Now : Mini Quiz Meiosis (10 min) |
| **Whole Group Lesson Introduction/Anticipatory Set****Activity 1 (~10 min)**Mini Quiz on Mitosis – 9 questions MC)? **Activity 2** – 2nd Semester Pre-Test – Mastery Connect (30 min – 40 min)**Activity 3** – Close reading assignment Mitosis (15 min)**Activity** 4 – Voc Catch phrases (15 min) min) | **Whole Group Lesson Introduction/Anticipatory Set****Activity 1 (~10 min)**Mini Quiz on Mitosis – 9 questions MC)? **Activity 2** – 2nd Semester Pre-Test – Mastery Connect (30 min – 40 min)**Activity 3** – Close reading assignment Mitosis (15 min)**Activity** 4 – Voc Catch phrases (15 min) min) | **Whole Group Lesson Introduction/Anticipatory Set****Activity 1 (~10 min)**Mitosis Foldable (30 min) **Activity 2** - Notes – PPt – Meiosis (20 min)**Activity 3** – Close reading assignment – Meiosis (15 min)**Activity 4** – Meiosis practice worksheet (20 min) | **Whole Group Lesson Introduction/Anticipatory Set****Activity 1 (~10 min)**Mitosis Foldable (30 min) **Activity 2** - Notes – PPt – Meiosis (20 min) - Amoeba sister recap video **Activity 3** – Close reading assignment – Meiosis (15 min)**Activity 4** – Meiosis practice worksheet (20 min) | **Whole Group Lesson Introduction/Anticipatory Set****Activity 1 (35 min)**Meiosis simulation lab activity**Activity 2** Concept Map – comparing Mitosis and Meiosis (15 min)**Activity 3** – Close Reading Comparing Mitosis and Meiosis (20 min)**Activity 4 –** Voc review – crossword puzzle (25 min) |
| **Highly Tested CLE:** **(EOC/ACT Time)****20 Min. Devoted to EOC/ACT Skill Reinforces (20 Minutes)** |  |  |  |  |  |
| **Daily Formative Assessment (5-10 Minutes)** | Mini quiz | Mini quiz | Mini QuizFoldable  | Mini QuizFoldable | Mini quizConcept Map |
| **Summative Assessment** | Summative is scheduled on or about January 21 and 22 |
| **Materials and Resources** | Lab materials, dry erase markers, composition notebook and SMART Board, osmosis lab (Cell Transport). |
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