Name: Maya Reichenbacher		Grading Quarter: 4	Week Beginning: 4-15-2024
School Year: 2023-2024		Subject: Unit 3 – Cells	
Monday	Notes:	**Objective:** • Students will be able to explain the stages of mitosis **Lesson Overview:** • In groups of 2-3 students will randomly choose a stage of the cell cycle and jigsaw it • Same groups will research a specific way mitosis can go wrong	Academic Standards: **Essential HS.L1U1.22** **Plus HS+B.L1U1.9**
Tuesday	Notes:	**Objective:** • Students will be able to differentiate between meiosis and mitosis • Students will be able to recognize differences between haploid and diploids **Lesson Overview:** • Students will complete notes titled 'Unit 3 IL – Stages of Meiosis' (slides 1 – 5) (copy on Canvas) • Individual assignment 'Haploid vs Diploid' (copy on Canvas)	Academic Standards: **Essential HS.L3U1.24**
Wednesday	Notes:	**Objective:** • Students will be able to explain the similarities and differences between phase 1 and 2 of meiosis • Students will be able to explain why genetic variation is important **Lesson Overview:** • Students will complete notes titled 'Unit 3 IL – Stages of Meiosis' (slides 6-10) (copy on Canvas) • As a class students will complete 'Beak Simulation' to show why genetic variation is important	Academic Standards: **Essential HS.L3U1.24** **Plus HS+B.L3U1.10** **Plus HS+B.L3U1.12**

Thursday	Notes:	**Objective:** • Students will be able to read karyotypes **Lesson Overview:** • Students will complete notes titled 'Unit 3 IL – Stages of Meiosis' (slides 11-16) (copy on Canvas) • In groups of 4-5, students will read multiple karyotypes	Academic Standards: **Essential HS.L3U1.24** **Plus HS+B.L3U1.10** **Plus HS+B.L3U1.12**
Friday	Notes:	**Objective:** • Students will be able to visualize meiosis **Lesson Overview:** • In groups of 4-5 students will use notes to create models representing stages of meiosis	Academic Standards: **Essential HS.L3U1.24** **Plus HS+B.L3U1.10** **Plus HS+B.L3U1.12**