

Weekly Agenda: August 18 – August 22

8th Grade Science – Mr. Matthews

Monday

- Do Now: 5 MAAP-aligned review questions
- Hook: Animated video of cell division
- Lesson: Stages of mitosis
- Activity: Guided notes + diagram
- Exit Ticket: Name one stage of mitosis and describe it
- Homework: Draw mitosis with 5 stages + explanation

Tuesday

- Do Now: 5 MAAP-aligned review questions
- Hook: Video of asexual reproduction in organisms
- Lesson: Types of asexual reproduction
- Activity: Graphic organizer
- Exit Ticket: Explain how mitosis is involved in one type
- Homework: Illustrated chart of 5 types

Wednesday

- Do Now: 5 MAAP-aligned review questions
- Hook: Animation of crossing over in Prophase I
- Lesson: Compare mitosis vs meiosis
- Activity: Label meiosis diagrams + Write It Out Wednesday
- Exit Ticket: One major difference between mitosis & meiosis
- Homework: None

Thursday

- Do Now: 5 MAAP-aligned review questions
- Hook: Video on genetic diversity in siblings
- Lesson: Crossing over in Prophase I
- Activity: Pipe Cleaner Crossing Over simulation (centers)
- Exit Ticket: Describe crossing over in your own words
- Homework: None

Friday

- Do Now: 5 MAAP-aligned review questions
- Hook: Meiosis review Kahoot/game
- Lesson: Review diagrams and definitions
- Activity: Group poster comparing meiosis and mitosis
- Exit Ticket: List two ways meiosis increases variation

- Homework: None