**Mrs. Chandler's – Biology - Syllabus 2024-2025:**

*Welcome Students!*

*We are so excited to meet you and we are looking forward to a productive school year!*

 **Grading Period 1**

**Unit 1**: Biomolecules and Cells - Concept #1 - **Lab Safety**; Concept #2 - **Biomolecules and Cells** , Concept #3 – **Cellular Processes**, Concept #4 – **Energy Conversion in Cells**

**Unit 2**: Nucleic Acids and Protein Synthesis - Concept #1 – **DNA, RNA, and Protein Synthesis,** Concept #2 – **Gene Expression**

**Grading Period 2**

**Unit 3:** Cell Cycle – Concept #1 - **Cell Growth**, Concept #2 – **Meiosis and Disruptions to the Cell Cycle**

**Unit 4**: Genetic Diversity – Concept #1 - **Inherited Traits**,

**Grading Period 3**

**Unit 4 continued**:   Genetic Diversity – Concept #2 – **Molecular Technologies**

**Unit 5**: Evolution – Concept #1 – **Evidence of Common Ancestry**, Concept #2 – **Natural Selection,** Concept #3 **– Mechanisms of Evolution**

**Unit 6:** Interdependence within Ecosystems – Concept #1 – **Ecological Relationships,** Concept #2 **– Ecosystem Stability**

**Grading Period 4**

**Unit 7**: Processes in Plants – Concept #1 – **Structure and Function in Plants**

**Unit 8:** Processes in Animals – Concept #1 – **Structure and Function in Animals**

**Textbook**

* We will be using the **Savvas Biology textbook** for this school year. You will have access to an online book for at-home use through *Cleaver (1Link)*. You can access Clever (1Link) through Schoology or the FBISD student page.

**Supplies**

* Students need to have access to Schoology. Students will need a dedicated spiral notebook, pencils, and colored pencils. Official grades are posted in Skyward.

**Student Handbook/Dress Code**

* Students are expected to follow the FBISD Student Handbook, which can be viewed, on the FBISD website. Students are expected to follow the FBISD Dress Code.

**Classroom Expectations**

* Students should follow all of the FBISD Safety Protocols for learning.
* Students should follow the norms and practice “being the STORM” at all times (**S** – self control, **T**- take responsibility, **O** – on time and ready, **R** – respect, and **M** – make a positive impact).
* Students should participate and be fully engaged in class. Cell phone use is not allowed during the instructional period.
* Students should be respectful and positive.

**Assignment Procedures and Receiving Assistance**

* Assignments should be turned in on the assigned date in Schoology.
* **Tutoring sessions are available from 3:00 – 3:30 pm on Wednesdays and Thursdays**.

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