

Grade 9 Subject **Biology**

Year-at-a-Glance 2020-2021

Fall Semester 2020

1 st Grading Period (27 Days)	2 nd Grading Period (24 Days)	3 rd Grading Period (30 Days)
<p>Unit 1: Introduction to Science (13 Days)</p> <ul style="list-style-type: none"> ○ Lab Safety ○ Lab Equipment ○ Characteristics of Life ○ Experimentation <p>TEKS: 1AB 2ABCDE 3ADEF</p> <p>Unit 2: Biomolecules (14 Days)</p> <ul style="list-style-type: none"> ○ Biomolecules ○ Enzymes <p>TEKS: 9AC</p> <p>Unit 3: Ecology (2 Days)</p> <ul style="list-style-type: none"> ○ Biotic & Abiotic Factors ○ Biomes <p>TEKS: 10C 11BD 12ABCDEF</p>	<p>Unit 3: Ecology (12 Days)</p> <ul style="list-style-type: none"> ○ Energy Flow ○ Symbiotic Relationships ○ Biological Magnification ○ Succession ○ Cycles ○ Human Impact in Ecosystems <p>TEKS: 10C 11BD 12ABCDEF</p> <p>Unit 4: Cell Structure (9 Days)</p> <ul style="list-style-type: none"> ○ Cell Types ○ Cell Structures & Functions <p>TEKS: 1AB 2F 4A 5B</p> <p>Unit 5: Cell Transport (3 Days)</p> <ul style="list-style-type: none"> ○ Passive Transport <p>TEKS: 4B 10B 11A</p>	<p>Unit 5: Cell Transport (8 Days)</p> <ul style="list-style-type: none"> ○ Cell Membrane ○ Active Transport <p>TEKS: 4B 10B 11A</p> <p>Unit 6: Cell Energy (10 Days)</p> <ul style="list-style-type: none"> ○ Photosynthesis ○ Cellular Respiration ○ Full Cell Review <p>TEKS: 4AB 5B 9AB 10AB</p> <p>Unit 7: Mitosis (10 Days)</p> <ul style="list-style-type: none"> ○ Cell Cycles & Mitosis ○ Finals <p>TEKS: 2ABCDE 3ADEF 4AB 5ABD 9AC 10BC 11A 12ABCDEF</p>

Spring Semester 2021

4 th Grading Period (29 Days)	5 th Grading Period (29 Days)	6 th Grading Period (34 Days)
<p style="text-align: center;">Unit 8: DNA (11 Days)</p> <ul style="list-style-type: none"> ○ DNA Structure & Function ○ DNA Replication <p>TEKS: 6AB</p> <p style="text-align: center;">Unit 9: Protein Synthesis and RNA (10 Days)</p> <ul style="list-style-type: none"> ○ DNA vs RNA ○ Protein Synthesis ○ DNA Mutations <p>TEKS: 9A 6CE</p> <p style="text-align: center;">Unit 10: Meiosis (5 Days)</p> <ul style="list-style-type: none"> ○ Meiosis Cell Cycle <p>TEKS: 6G</p> <p style="text-align: center;">Unit 11: Genetics (2 Days)</p> <ul style="list-style-type: none"> ○ Punnett Squares <p>TEKS: 6BDEF</p>	<p style="text-align: center;">Unit 11: Genetics (10 Days)</p> <ul style="list-style-type: none"> ○ Mendelian Genetics ○ Non Mendelian Inheritance ○ Mutations ○ Genetic Technology <p>TEKS: 6BCDEFH</p> <p style="text-align: center;">Unit 12: Body Systems (8 Days)</p> <ul style="list-style-type: none"> ○ Body System Functions ○ Body System Interactions <p>TEKS: 10A 11A</p> <p style="text-align: center;">Unit 13: Bacteria & Viruses (6 Days)</p> <ul style="list-style-type: none"> ○ Bacteria ○ Viruses <p>TEKS: 4C</p> <p style="text-align: center;">Unit 14: Plants (5 Days)</p> <ul style="list-style-type: none"> ○ Plant Systems ○ Plant System Interactions <p>TEKS: 5B 10AB</p>	<p style="text-align: center;">Unit 14: Plants (4 Days)</p> <ul style="list-style-type: none"> ○ Plant Systems ○ Plant System Interactions <p>TEKS: 5B 10AB</p> <p style="text-align: center;">Unit 15: Evolution & Classification (9 Days)</p> <ul style="list-style-type: none"> ○ Classification ○ Theories of Evolution ○ Natural Selection <p>TEKS: 7ABCDEFG 8ABC</p> <p style="text-align: center;">Unit 16: STAAR Review (9 Days)</p> <ul style="list-style-type: none"> ○ Review for STAAR test <p>TEKS: All Biology TEKS</p> <p style="text-align: center;">Unit 17: Dissections & Finals (10 Days)</p> <ul style="list-style-type: none"> ○ Pig Dissections ○ Final Reviews & Finals <p>TEKS: 4C 5B 6ABCDEFGH 7ABCDEFG 8 ABC 9A 10AB 11A</p>