Teacher: Ericka R. Woodson | Week of: 2/24/2025-2/28/2025 | Subject: 7th Grade- Life Science | Period: 1st-6th

	OBJECTIVES	ACTIVITIES	RESOURCES	HOMEWORK	EVALUATION	STANDARDS
MON	The student will learn about…. ▪ Ecosystems: Interactions, Energy, & Dynamics ▪ Heredity: Inheritance & Variation of Traits Unity & Diversity	**Bell Ringer:** What role do variations have in the theory of evolution by natural selection? Launch Lab: Are there variations within your class?	✓ Textbook ✓ Laboratory Experience Video Slides / Pictures Assessment ✓ Handout / Worksheet ✓ Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Genetic Disorders Essay Due: 2/28/2025	Oral Responses ✓ Homework ✓ Notebook Quiz Major Test ✓ Project/Report/Presentation ✓ Daily Work Observation ✓ Worksheet/Handout ✓ Lab/ Lab Composition ✓ Class/Group Participation	**S11:** Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem. **S14:** Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms. **S15:** Analyze and interpret data from examination of fossils, relict species, and modern organisms to determine patterns of change in anatomical structures over time. **S16:** Obtain, evaluate, and communicate evidence comparing patterns in the embryological development of multiple species to identify relationships not evident in the fully formed adult anatomy. **S17:** Ask questions to clarify how natural selection over generations may lead to changes in the frequency of specific traits to enhance survival and reproduction of a population.
TUE	The student will learn about…. ▪ Ecosystems: Interactions, Energy, & Dynamics ▪ Heredity: Inheritance & Variation of Traits Unity & Diversity	**Bell Ringer:** What are the types of adaptations? 6.2 Theory of Evolution by Natural Selection Notes Amoeba Sisters: Natural Selection Content Practice A & B: Theory of Evolution by Natural Selection	✓ Textbook Laboratory Experience ✓ Video Slides / Pictures Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer ✓ PowerPoint Other:	Genetic Disorders Essay Due: 2/28/2025	Oral Responses ✓ Homework ✓ Notebook Quiz Major Test ✓ Project/Report/Presentation ✓ Daily Work Observation ✓ Worksheet/Handout Lab/ Lab Composition ✓ Class/Group Participation	**S11:** Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem. **S14:** Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms. **S15:** Analyze and interpret data from examination of fossils, relict species, and modern organisms to determine patterns of change in anatomical structures over time. **S16:** Obtain, evaluate, and communicate evidence comparing patterns in the embryological development of multiple species to identify relationships not evident in the fully formed adult anatomy. **S17:** Ask questions to clarify how natural selection over generations may lead to changes in the frequency of specific traits to enhance survival and reproduction of a population.
WED	The student will learn about…. ▪ Ecosystems: Interactions, Energy, & Dynamics ▪ Heredity: Inheritance & Variation of Traits Unity & Diversity	**Bell Ringer:** What is artificial selection? Content Practice A & B: Theory of Evolution by Natural Selection cont…. Key Concept Builder • Natural Selection • Adaptation v. Variation	✓ Textbook Laboratory Experience ✓ Video Slides / Pictures Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer ✓ PowerPoint Other:	Genetic Disorders Essay Due: 2/28/2025	Oral Responses ✓ Homework ✓ Notebook Quiz Major Test ✓ Project/Report/Presentation ✓ Daily Work Observation ✓ Worksheet/Handout Lab/ Lab Composition ✓ Class/Group Participation	**S11:** Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem. **S14:** Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms. **S15:** Analyze and interpret data from examination of fossils, relict species, and modern organisms to determine patterns of change in anatomical structures over time. **S16:** Obtain, evaluate, and communicate evidence comparing patterns in the embryological development of multiple species to identify relationships not evident in the fully formed adult anatomy. **S17:** Ask questions to clarify how natural selection over generations may lead to changes in the frequency of specific traits to enhance survival and reproduction of a population.

THUR	The student will learn about…. ▪ Ecosystems: Interactions, Energy, & Dynamics ▪ Heredity: Inheritance & Variation of Traits Unity & Diversity	**Bell Ringer:** How do homologous structures provide evidence for evolution? 6.2 Spelling/Vocabulary Test 6.3 Biological Evidence of Evolution Notes	✓ Textbook Laboratory Experience Video Slides / Pictures ✓ Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer PowerPoint Other:	Genetic Disorders Essay Due: 2/28/2025	Oral Responses ✓ Homework ✓ Notebook Quiz Major Test ✓ Project/Report/Presentation ✓ Daily Work Observation ✓ Worksheet/Handout Lab/ Lab Composition ✓ Class/Group Participation	**S11:** Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem. **S14:** Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms. **S15:** Analyze and interpret data from examination of fossils, relict species, and modern organisms to determine patterns of change in anatomical structures over time. **S16:** Obtain, evaluate, and communicate evidence comparing patterns in the embryological development of multiple species to identify relationships not evident in the fully formed adult anatomy. **S17:** Ask questions to clarify how natural selection over generations may lead to changes in the frequency of specific traits to enhance survival and reproduction of a population.
FRI	The student will learn about…. ▪ Ecosystems: Interactions, Energy, & Dynamics ▪ Heredity: Inheritance & Variation of Traits Unity & Diversity	**Bell Ringer:** How are vestigial structures evidence of descent from ancestral species? Content Practice A & B Biological Evidence of Evolution	✓ Textbook Laboratory Experience Video Slides / Pictures Assessment ✓ Handout / Worksheet Chart / Graph Map / Model ✓ Chromebook/Computer ✓ PowerPoint Other:	Have a great weekend!	Oral Responses ✓ Homework ✓ Notebook Quiz Major Test ✓ Project/Report/Presentation ✓ Daily Work Observation ✓ Worksheet/Handout Lab/ Lab Composition ✓ Class/Group Participation	**S11:** Analyze and interpret data to predict how environmental conditions, genetic factors, and resource availability will impact the growth of individual organisms and populations of organisms in an ecosystem. **S14:** Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms. **S15:** Analyze and interpret data from examination of fossils, relict species, and modern organisms to determine patterns of change in anatomical structures over time. **S16:** Obtain, evaluate, and communicate evidence comparing patterns in the embryological development of multiple species to identify relationships not evident in the fully formed adult anatomy. **S17:** Ask questions to clarify how natural selection over generations may lead to changes in the frequency of specific traits to enhance survival and reproduction of a population.