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| **Mr. Coffey 7th Science 11-17-14** | [Print](javascript:Popup('../Curriculum/LessonPlanView.aspx?LID=26534&Print=yes',600,480,'no','print')) |

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| **Monday**  **Title Biomes**  **Objectives/Targets The students will be able to explain what is a biome and list the seven major biomes of the world.**  **I can statements can explain what is a biome and list the seven major biomes of the world.**  **Materials Textbooks Page 526**  **Procedures The students will read Capture 20 in their Life Science textbooks and complete the chapter review questions on pages 546-547. Questions 1-24.**  **Tuesday**  **Title The Forest Biomes**  **Objectives/Targets The students will be able to explain the location, climatic conditions, and the flora fauna of the three major forest biomes of the world.**  **I can statements: I can explain the location, climatic conditions, and the flora fauna of the three major forest biomes of the world.**  **Materials Life Science Textbooks**  **Procedures Have students take notes from the smart Board and their textbooks on pages 526-529 over the three major forest biomes**  **Wednesday**  **Title Drawing the Forest Biomes**  **Objectives/Targets The students will be able to draw the location, climatic condition and the flora and fauna of the forest biomes.**  **I can statements: I can draw the location, climatic conditions, and the flora and  fauna of the three major forest biomes of the world.**  **Materials: Printer Paper**  **Procedures**  **Have the students  draw the flora and fauna of the three types of forest biomes. They should be able to label the different trees of each of the forest biomes. They should label the different layers of the Tropical Rain Forest. The drawings should have a many animal and tree species that are colored.**  **Thursday**  **Title:  Grassland and Desert Biomes**  **Objectives/Targets The students will use their textbooks on pages 530- 531 and take notes on the grasslands and desert biomes of the world.**  **I can statements: I can explain the locations, climatic conditions, and the flora and fauna of the grasslands and desert biomes.**  **Materials: Textbooks and Smart Board**  **Procedures Have student take notes on pages 530-531 of their textbooks on the grasslands and desert biomes of the world.**  **Friday:**  **Title: Graphing Biomes**  **Objectives/Targets The students will construct two graphs displaying monthly average temperature on one and average monthly precipitation of the other.**  **I can statements: I can create two graphs displaying the average monthly temperature for three different biomes and the monthly average precipitation for three biomes on graph paper.**  **Materials: Worksheet and graph paper**  **Procedures:**  Use the information in the table provided to construct two graphs. One graph should be a bar graph showing the precipitation amounts in the three biomes. The other graph should be a line graph showing the biomes’ temperatures. Use a different color for each biome.  **Analyze and Conclude**  Answer the following questions on a separate sheet of paper.  1. Examine your graphs. Identify each biome.  2. Explain how you were able to identify the biomes.  **State Standards for the week** |
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**Standards**

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| **Science - 2011** |
| **LS.**  **Life Science (07-07)** |
| 14.  This topic focuses on the impact of matter and energy transfer within the biotic component of ecosystems. (07-07) |
| 19.  In any particular biome, the number, growth and survival of organisms and populations depend on biotic and abiotic factors. (07-07) |
| 20.  Biomes are regional ecosystems characterized by distinct types of organisms that have developed under specific soil and climatic conditions. (07-07) |
| 21.  The variety of physical (abiotic) conditions that exists on Earth gives rise to diverse environments (biomes) and allows for the existence of a wide variety of organisms (biodiversity). (07-07) |