

Alabama Courses of Study and Correlations to World Song Missions Place Rainforest Class

Kindergarten:

Science:

Students will identify the amount of light found in each layer of the rainforest. Students will identify the effect of plant life living in that layer of the rainforest. Students will identify the amount of shade or sunlight in the layer.

2.) Identify the sun as Earth's source of light and heat.

- Predicting the effect of the sun on living and nonliving things
- Identifying relationships between light and shadows
- Predicting the occurrence of shadows

After listening to a CD of rainforest sounds, students will identify sounds found in the rainforest.

3.) Relate a variety of sounds to their sources, including weather, animal, and transportation sounds.

English Language Arts:

After acting out The Great Kapok Tree with puppets, students will discuss the story and answer questions by relating the story to what is happening in the rainforest.

5.) Demonstrate comprehension of passages heard by retelling stories and by answering questions.

- Recalling information
- Making predictions
- Responding to stories by asking questions, discussing ideas, and relating events to daily life
- Identifying correct sequence of events after hearing a story read

First Grade:

Science:

Students will identify animals of the rainforest and the habitat of the rainforest. Students will identify the layer of the rainforest different animals live and how their color, shape, size, texture, and covering help them survive in that layer of the rainforest. Students will discuss what happens to seeds dropped in the rainforest and the growth of those seeds.

4.) Describe survival traits of living things, including color, shape, size, texture, and covering.

- Classifying plants and animals according to physical traits
- Identifying developmental stages of plants and animals
- Describing a variety of habitats and natural homes of animals

Students will discuss why it is important to conserve the resources of the rainforest.

9.) Identify ways to conserve Earth's resources.

Social Studies:

Students will identify ways they can take action to protect the rainforest.

7.) Identify ways to take personal action to protect the environment.

English Language Arts:

Students will listen to the directions for the puppet play, story, questions, and directions for crafts and singing while in the rainforest.

13.) Listen for meaning in conversations and discussions, including looking at the speaker without interrupting.

- Following two- and three-part oral directions
- Making connections to literature read aloud

Second Grade:

Science:

Students will identify plants found in the rainforest.

5.) Identify the relationship of structure to function in plants, including roots, stems, leaves, and flowers.

Students will discuss the water cycle as it pertains to the rainforest, for example the constant mist and rainfall up to 80 inches.

9.) Describe evaporation, condensation, and precipitation in the water cycle.

Social Studies:

Students will discuss ways the rainforest is being used by the people living there, deforestation and farming. Students will discuss how this affects the rainforest both in a positive and negative way.

7.) Describe ways people throughout the world are affected by their geographic environments.

- Comparing physical features of regions throughout the world
- Identifying positive and negative ways people affect the environment

Students will discuss how and why people would want to leave the rainforest.

11.) Explain how the diversity of people and customs in the United States and the world affect viewpoints and ideas.

- Discussing how and why people from various cultures immigrated to the United States

English Language Arts:

*Students will participate in a puppet show that includes the reading aloud of *The Great Kapok Tree*. Students will answer questions after they have listened to the book.*

*Students will follow directions as they view *World Song Missions Place Rainforest*.*

14.) Respond to various types of literature read aloud.

- Focusing attention on a speaker without interrupting
- Following multistep oral directions
- Interpreting presented information

Third Grade:

Science:

Students will describe the amount of sun found at each of the layers of the rain forest. Students will discuss the amount of shade found at each of the layers of the rain forest. Students will discuss how plants grow at each of the layers.

3.) Describe ways energy from the sun is used.

- Identifying fossil fuels as a source of energy

Students will describe the life of a seed as it falls to the rainforest floor and describe how they occupy space and use the available light, nutrients, water and air. Students will how plants in the rainforest fall into the food chain.

7.) Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.

- Describing the role of plants in a food chain
- Identifying plant and animal cells
- Describing how plants occupy space and use light, nutrients, water, and air
- Classifying plants according to their features

Students will discuss the helpful plants used for medicine found in the rainforest.

- Identifying helpful and harmful effects of plants

Students will describe the habitat of the rainforest and how it can sustain plant life.

10.) Determine habitat conditions that support plant growth and survival.

Students will discuss ways the natural resources of the rainforest can be sustained.

13.) Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment.

- Recognizing the impact of society on human health and environmental conditions

Social Studies:

Students will describe the physical characteristics found in the rainforest. Students will discuss the quality of the soil of the rainforest. Students will discuss the vegetation found in the rainforest. Students will discuss the weather and climate found in the rainforest.

2.) Describe physical characteristics, including landforms, bodies of water, soil, and vegetation of various places on Earth.

- Locating countries in the Western Hemisphere
- Locating historical landmarks on maps
- Identifying processes of Earth, including continental drift, erosion, natural hazards, weather, and climate

Third Grade, continued:

Social Studies:

Students will discuss the differences in the soil, climate, vegetation and wildlife of the rainforest as compared to World Song and identify ways in which humans have altered the rainforest and World Song.

3.) Identify components of various ecosystems.

- Identifying ways in which humans alter the physical environment

Students will identify the major resources of the rainforest and the people who live in the rainforest, for example how are they using the rainforest, what materials do they use to make their homes, what do they eat, drink, etc. Students will discuss the machinery used to harvest the resources of the rainforest. Students will discuss the impact of the harvesting of these resources.

7.) Describe the relationship between locations of resources and patterns of population distribution in the Western Hemisphere.

- Locating major natural resources and deposits throughout Alabama, the United States, and the Western Hemisphere
- Describing present-day mechanization of labor as opposed to the historical use of human labor to harvest natural resources
- Evaluating the geographic impact of using major energy and technological resources in the twenty-first century

English Language Arts:

Students will listen to a story about the Penan culture. Students will discuss similarities and differences between themselves and the Penans.

6.) Recognize linguistic and cultural similarities and differences in multicultural literature.

Fourth:

Science:

Students will describe how the body structures of the plants and animals of the rainforest help them survive in this habitat. Students will trace the food chain of an animal of the rainforest and how energy is transferred along the chain or web.

5.) Describe the interdependence of plants and animals.

- Describing behaviors and body structures that help animals survive in particular habitats
- Describing life cycles of various animals to include incomplete and complete metamorphosis
- Tracing the flow of energy through a food chain
- Identifying characteristics of organisms, including growth and development, reproduction, acquisition and use of energy, and response to the environment

English Language Arts:

Students will listen to the directions for the puppet play, story, questions, and directions for crafts and singing while in the rainforest. Students will repeat the directions given to reinforce attention to detail.

14.) Identify strategies of a skillful listener, including attending to the listening task and assigning meaning to the message.

Fifth:

English Language Arts:

Students will listen to the directions for the puppet play, story, questions, and directions for crafts and singing while in the rainforest. Students will repeat the directions given to reinforce attention to detail.

13.) Apply strategies of a skillful listener, including maintaining eye contact, attending to the listening task, and assigning meaning to the message.