South Carolina: Our History, Our Home

Internet Activities

Answer Key

These easy-to-follow lessons require students to have Internet access. The structure of the lessons assumes that each lesson will be completed in a computer lab; however, students could work individually or in small groups at a single classroom computer or in a setting where they have access to their own device.

Each lesson provides a connection to the textbook content. Students are challenged to use and extend their information processing, research, and map skills through these lessons.

We hope that you and your students will find these lessons a welcome and useful extension to your instruction.

Before Each Lesson

1. Locate the Internet Activity for the appropriate chapter on your Teacher Tech website.

2. Open the Internet Activity link.

3. Verify that links for the activity are still working. Since URLs change frequently, it may be necessary to provide a different link to your students than the one provided.

4. Print the pages for the activity unless your students will be answering questions online using their device. In general, the lessons are organized so that one copy of the activity sheet is needed for each student. However, pairs of students could share activity sheets if they are working together.

During the Lesson

1. Distribute a copy of the activity sheet to each student or pairs of students, depending on your preference as students are logging in to their student website.

2. The Internet Activity link will open a PDF. This file contains the hyperlinks needed for the lesson. When the hyperlink is clicked, a Security Message may be displayed. Instruct students to click "Allow" to proceed.

3. Show students how the questions on the webpage match the activity sheet. Then, model how to click the links and use the "Back" button, if necessary, in your Web browser to return to the activity page.

Website addresses (URLs) change frequently. It is therefore good practice to test the links used in each activity. In addition, it is good practice to test videos or special features of a website on the devices that your students will use because a school district's devices may be configured to block certain types of files that are easily accessed outside of the school's network. Work with your school or district technology team, as needed, to gain access to the web resources that you need.

The remainder of this booklet contains teacher notes and answer keys for each of the Internet activities.

Good luck, and have fun!

Teacher Notes and Answer Keys

Chapter 1: This is Our Home

Summary:
In this lesson, students will explore websites to learn the location of their state and community using absolute and relative location. Students will also gather information related to the climate of South Carolina.

Duration: 45-90 minutes

Notes:
- Check to see that all students have access to the correct website.
- Don't rush the exploration of the maps on this site. Give students an opportunity to explore the information about their area.
- For item 5, the website displays your school's latitude and longitude in decimal form and in degrees, minutes, seconds. This will give you the opportunity to discuss that coordinates can be shown using the decimal system (DEC) or in the traditional degrees, minutes, seconds format (DMS). When students view the link for the map pin, the DMS coordinates are displayed without spaces. For instance, the school shown here is located at latitude is 34°12'19" N and longitude79°16'00" W.
- The graphs selected for the Climate section are good practice for students. They require students to study them a bit in order to understand what the graphs show. If necessary, you may want to examine one as a group and discuss its principal parts in detail. The black line, for instance, is the mean (e.g. mean temperature). The red lines show the record maximum and the blue lines show the record minimum. Make sure students notice that there is a link at the bottom with data about the daily percent chance of sun and precipitation.
- Extension Question for Climate section: Explain that a national bike race company wants to have a race in South Carolina. They want to choose a location and time of year that would have the best chance of a temperature above 60° and little chance of rain. Using the weather stations' data, have students write a proposal to have the company choose an area near one of the weather stations and suggest a month that best matches the company's needs.

Answer Key:
1. Georgia, North Carolina, (North) Atlantic Ocean
2. Sample: South Carolina is bounded on the north by North Carolina. Along the west and moving south, the state is bounded by Georgia. The eastern edge is bounded by the Atlantic Ocean.
3. Answers vary but should include another location and your county's location relative to it.

4. Answers will be specific to your school's location.
5. Answers will vary depending on your school's location.

Cultural Feature	Latitude (Degrees, Minutes, Seconds)	Longitude (Degrees, Minutes, Seconds)
answers will be specific to your school's location	answers will be specific to your school's location	answers will be specific to your school's location
answers will vary		
answers will vary		

6.

	Weather Station Nearest My House: (list station) answers will be specific to your school's location	Another South Carolina Weather Station: (list station) answers will be specific to your school's location
Record Maximum Temperature (°F)	answers will vary	answers will vary
Record Minimum Temperature (°F)	answers will vary	answers will vary
Average Snowfall (in.)	answers will vary	answers will vary
Average Rainfall (in.)	answers will vary	answers will vary
Usual Coldest Month	answers will vary	answers will vary
Usual Warmest Month	answers will vary	answers will vary