

The Legacy of Ancient Greece

31

How did ancient Greece contribute to the modern world?

PREVIEW

Many English words have Greek roots. For example, the word *telephone* is made up of the Greek words *tel*, meaning “far off,” and *phone*, meaning “voice.” Use the key of Greek words to help you match the English terms below to their definitions.

- | | |
|--------------------------|--|
| _____ <i>autocracy</i> | A. rule by one person |
| _____ <i>autograph</i> | B. study of the order in time |
| _____ <i>chronic</i> | C. an instrument for measuring temperature |
| _____ <i>chronology</i> | D. study of the structure of Earth |
| _____ <i>geology</i> | E. relating to Earth’s heat |
| _____ <i>geothermal</i> | F. somebody’s signature |
| _____ <i>thermograph</i> | G. lasting over a long period of time |
| _____ <i>thermometer</i> | H. an instrument that records temperature |

Key of Greek Words

Greek Word	Meaning
auto	self
chronos	time
geo	earth
grapho	draw, record, or write
kratos	power or rule
metron	measure
logy	study
thermo	heat

READING NOTES

Key Content Terms

As you complete the Reading Notes, use these terms in your answers.

geometry

latitude

longitude

biology

Sections 31.2 to 31.11

If your class is doing the activity for this chapter, complete all three columns in the matrix below to complete your Reading Notes for Sections 31.2 to 31.11.

(Note: If your class is not doing the activity, skip the Placard Letter column.)

Complete the matrix for each section. Write the placard letter that matches the legacy card. Draw and label a picture of the contribution that you think is most important today. List at least two other contributions in the reading.

	Placard Letter	Draw and Label the Most Important Contribution	List Other Contributions
Section 31.2 Literature and History			
Section 31.3 Government			
Section 31.4 Medicine			
Section 31.5 Mathematics			

	Placard Letter	Draw and Label the Most Important Contribution	List Other Contributions
Section 31.6 Astronomy			
Section 31.7 Geography			
Section 31.8 Biology			
Section 31.9 Architecture			
Section 31.10 Theater			
Section 31.11 Sports			

PROCESSING

Along the spectrum from least to most significant, consider the impact on life today of the contributions that ancient Greeks made in each of these areas:

Literature and History	Mathematics	Biology	Theater
Government	Astronomy	Architecture	Sports
Medicine	Geography		

Choose five items from the list above to place along your spectrum. For each item you choose, do the following:

- Label the spectrum.
- Draw an appropriate symbol or illustration.
- Below the drawing, write one sentence explaining your placement.

Least Significant Impact
on Modern Life

Most Significant Impact
on Modern Life

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READING FURTHER

Preparing to Write: Listing Reasons for Opposing Points of View

In 1986, the owner of a television network bought the rights to more than 100 old black-and-white movies. His company reedited them in color so that the films would have more appeal to modern viewers. While some professionals in the movie industry were not bothered by his actions, many more were outraged. It was the standard of the 1930s and 1940s to film in black and white, critics said. These films were the creations of the directors. To change the movies was to tamper with art and history. Directors, including some whose movies were among those being changed, called the colorizers “fools,” and their actions “criminal.” One director called it “the death knell of an entire art form.”

Suppose that the sculptors of ancient Greece could see how Vinzenz Brinkmann has attempted to reconstruct their work. Do you think that they would approve or object to modern archaeologists adding color to their sculptures? List reasons why you think ancient Greek sculptors might have each of these points of view.

Adding Color to Ancient Sculptures

Reasons to Approve	Reasons to Object

Writing a Point-of-View Paragraph

Suppose that you are a sculptor from ancient Greece. Would you approve of or object to the Brinkmanns’ replicas, or copies, of your work in color? Write a paragraph expressing and explaining your point of view. Support your position, using ideas from the chart you completed on the preceding page and information from the Chapter 31 Reading Further in your book.

Use this rubric to evaluate your paragraph. Make changes to your work if you need to.

Score	Description
3	The paragraph clearly states a position. Very relevant statements and facts support the position. There are no spelling or grammar errors.
2	The paragraph states a position. Somewhat relevant statements and facts support the position. There are some spelling or grammar errors.
1	The paragraph does not state a position. There are few or no statements and facts to support a position. There are many spelling or grammar errors.

Timeline Skills

Analyze the Unit 5 timeline in your book. Also think about what you have learned in this unit. Then answer the following questions.

1. By about what year were Greek city-states flourishing?
2. Of democracy, oligarchy, and tyranny, which form of government was first used in Greece?
3. About how many years after the development of oligarchies did democracy appear?
4. Where did democracy develop? About when did that happen?
5. Did the Golden Age of Athens happen before or after the Persian Wars?
6. The Golden Age ends at the same time as another event begins. What is this event, and why might it have contributed to the end of the Golden Age?
7. During which war did Pericles deliver his Funeral Oration speech?
8. Was Alexander the Great tutored by the Greek philosopher Socrates? How do you know?
9. What did Alexander the Great accomplish?
10. Who was Euclid, and why is he important?

Critical Thinking

Use the timeline and the chapters in the unit to answer the following questions.

11. Democracy is a form of government that developed from earlier forms of government and continued to change over time.
 - a. What were the earlier forms of government, and what were their disadvantages?
 - b. How does the democracy of ancient Greece compare with that of the United States? Identify one similarity and one difference.
12. Compare and contrast the city-states of Athens and Sparta. How are they similar, and how are they different?
13. Identify an important ancient Greek figure in the arts and sciences that you think made the most significant contribution and explain your choice.
14. If you could add three more events to this timeline, which ones would you choose? List each event and explain why you think it is important enough to add to the timeline.
 - a.
 - b.
 - c.