

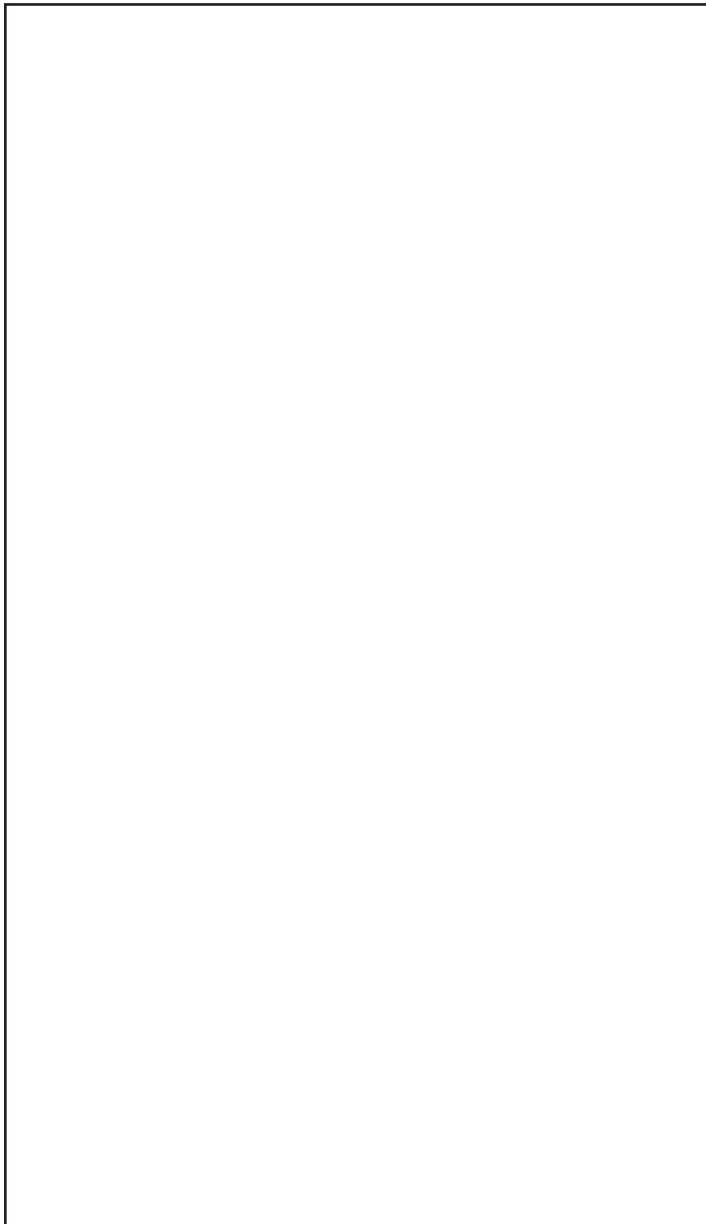
Designing a Structural Wonder

Follow the instructions to complete the activity.

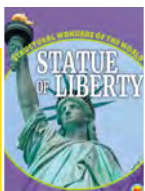
NAME

DATE

Imagine you are designing a brand new structural wonder. Where would you put it? What materials would you use? What features would you include? What would inspire its design? If you were to include a geometric pattern, what would it look like? Write a description of your structural wonder, and draw a picture of it.



DESCRIPTION



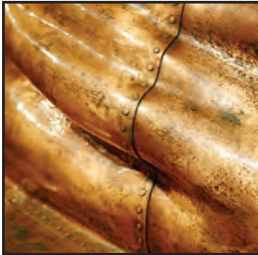
Picture Description Match

Follow the instructions to complete the activity.

NAME

DATE

Look at these pictures relating to the Statue of Liberty. Label each picture correctly.



A

Crown



B

Great Sphinx of Giza



C

Base



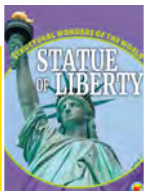
D

Rivets



E

Gustave Eiffel



Complete the statements by filling in the correct number.

The total height of the Statue of Liberty from the ground to the torch is this many feet.

2

The Statue of Liberty Museum opened on Liberty Island in this year.

215

In 1982, it was discovered that the statue's head had been installed this many feet off center.

1865

The idea to build a statue was first proposed in this year at a dinner party.

13

Lady Liberty's waist is this many feet around.

35

The base of the statue is made up of this many layers of granite.

305.1

There are this many steps from the lobby to the top of the pedestal.

2019



True or False

Follow the instructions to complete the activity.

NAME

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Using information found in the book, verify whether the following statements are true or false. Check your answers in the book. List the page number where you found the information beside your answer.

Statement 1	<input type="text" value="The Statue of Liberty was completed in France."/>	<input type="checkbox"/> True <input type="checkbox"/> False	Page Number	<input type="text"/>
Statement 2	<input type="text" value="When first erected, the statue was the tallest iron structure ever built."/>	<input type="checkbox"/> True <input type="checkbox"/> False	Page Number	<input type="text"/>
Statement 3	<input type="text" value="Lady Liberty carries a tablet in her right hand."/>	<input type="checkbox"/> True <input type="checkbox"/> False	Page Number	<input type="text"/>
Statement 4	<input type="text" value="Gustave Eiffel designed the framework for the statue."/>	<input type="checkbox"/> True <input type="checkbox"/> False	Page Number	<input type="text"/>
Statement 5	<input type="text" value="No more than 30 people are allowed to enter the crown at a time."/>	<input type="checkbox"/> True <input type="checkbox"/> False	Page Number	<input type="text"/>



Test Your Knowledge

Follow the instructions to complete the activity.

NAME

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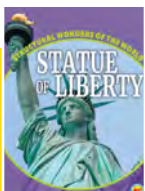
Test your knowledge of the Statue of Liberty by answering these questions.

1. What tool did workers use to create the outer shell of the statue?

2. How many types of hammers were used during construction of the statue?

3. What is another name for the base of the statue?

4. Which parts of the statue were created first?



Quiz

Test your knowledge by answering these quiz questions.

NAME

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1 What does the Statue of Liberty symbolize?

2 Who drew the plans for the Statue of Liberty?

3 Which two metals make up most of the statue?

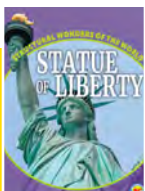
4 Why did the Statue of Liberty need to be restored in 1984?

5 How many people visit the Statue of Liberty each year?

6 What do the seven spikes on Lady Liberty's crown represent?

7 Who designed the framework of the Statue of Liberty?

8 What fort once stood on Liberty Island?



Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word.

NAME

DATE

KEY WORDS

blueprints
chisels
democracy
humidity
kiln

monarch
oppression
perpendicular
republics
symbol

Your Score is  _____ %

1.
a form of government in which the public directs policy through its representatives
2.
a feeling of being weighed down within a person's mind or body
3.
states in which the supreme power is held by the people and not by a king or queen
4.
at right angles
5.
photographic copies of the early plans for a building or machine
6.
hand tools consisting of a flat steel blade with a handle
7.
the amount of moisture in the air
8.
a king or queen
9.
something that represents something else
10.
a large oven used for making bricks and clay objects hard after they have been shaped



Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word.

NAME

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KEY WORDS

architect	landmarks
Christianity	New Seven Wonders of the World
foundation	
galvanic corrosion	

11.
the part of a building that helps support its weight
12.
when two types of metal come into contact near electrical activity
13.
a religion that believes in and follows the teachings of Jesus Christ
14.
the seven structures considered by scholars to be the most wondrous of the modern world
15.
buildings or other places that are of historical or cultural importance
16.
a person who designs buildings

