

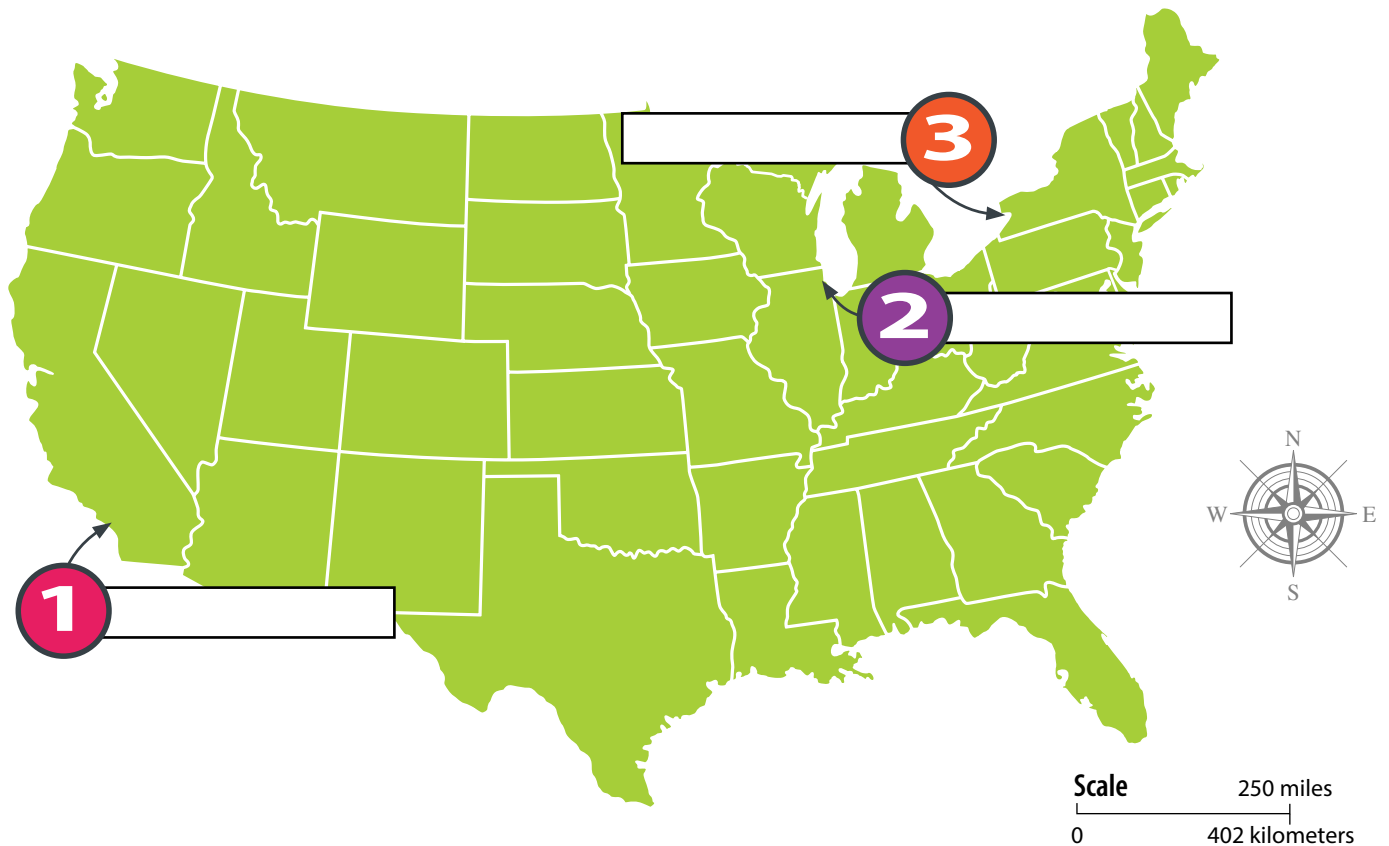
Map Activity

Follow the instructions to complete the activity.

NAME

DATE

Using the information on page 9 of the book, fill in the blanks with the name of the memorial in each location. Use information found in the book and research online to briefly explain why each location is important or unique.



1

2

3



Thrilling Science and Technology Jobs

Modern Inventors

Reference: Page 9

Page
1 of 1

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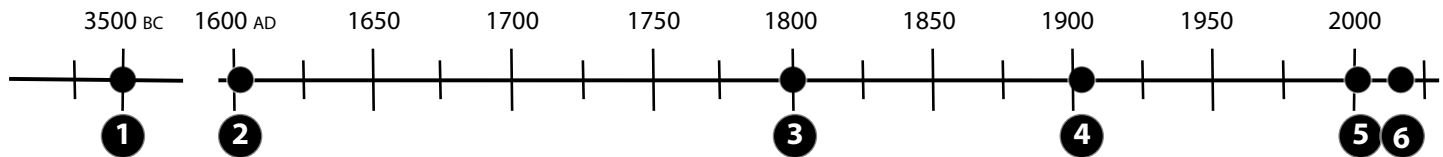
Timeline Activity

Follow the instructions to complete the activity.

NAME

DATE

Number the events below in the order they would appear on the timeline. Write the number in the box beside each event.



Apple introduces the first touch screen phone, the iPhone.

Alessandro Volta discovers how to harness electricity into a battery.

Galileo Galilei invents a new telescope to study the stars.

The wheel is invented.

The Geopress Purifier allows for any water to be filtered, cleaned, and carried in a 24-ounce (0.7-liter) bottle.

Henry Ford launches the first affordable automobile for the masses.

True or False

Follow the instructions to complete the activity.

NAME

DATE

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

Statement 1

The first inventions, such as stone hand axes, can be dated back two million years.

☐

True

☐

False

Page
Number

Statement 2

The Terrafugia team has successfully designed, built, and flown a prototype of a flying car called the Transcendent.

☐

True

☐

False

Page
Number

Statement 3

Boyan Slat was still in university when he began work on his plans to clean up the ocean.

☐

True

☐

False

Page
Number

Statement 4

Our solar system has just one star, the Sun. The Alpha Centauri system consists of three stars.

☐

True

☐

False

Page
Number

Statement 5

Scientists have estimated it would take thousands of years to remove all the plastic from the world's oceans using boats and large nets.

☐

True

☐

False

Page
Number

Fill in the Blanks

Follow the instructions to complete the activity.

NAME

DATE

Use the information found in *Modern Inventors* to help you complete the following activity.

1. Coral is collected and sold as to tourists. This damages coral reefs.
2. Terrafugia's name is taken from the Latin words for "escape the .
3. Breakthrough Starshot's nano-spacecraft will be blasted into orbit around Earth inside a .
4. Today's inventors have designed that can be used for speaking, texting, going online, watching movies, and more.
5. Shaking thick from the bottom of a glass bottle was always difficult. The solution to the problem was to invent an upside-down, squeezable plastic bottle.
6. Turtles accidentally eat because they think they are jellyfish.



Know Your Numbers

Follow the instructions to complete the activity.

NAME

DATE

Using information from the book, select an answer from the right and write its letter in the box beside the correct statement.

Boyan Slat's Ocean Cleanup launched System 001 from San Francisco, California, on September 8 of this year.

☐

A. 1582

The Gregorian calendar system used now was invented in this year by Pope Gregory XIII.

☐

B. 18.3

Breakthrough Starshot's nano-spacecraft could reach Alpha Centauri in just this many years.

☐

C. 2018

In this year, Sarah E. Goode became the first African American woman to receive a patent for an invention.

☐

D. 20

The world loses this many million acres of forest each year.

☐

E. 1885

Modern Inventor Quiz

Test your knowledge by answering these quiz questions.

NAME

DATE

1

What is the name of Boyan Slat's company?

2

What did Terrafugia invent?

3

Who were the first two people to walk on the Moon?

4

What are some companies that are creating electric cars?

5

Who invented the telephone?

6

Who was the first African American woman to receive a patent for her invention?

7

What is Modular Artificial Reef Structure (MARS) made out of?

8

Where will the Breakthrough Starshot nano-spacecraft go?

9

What calendar system is used today?

10

How much plastic is washed into the ocean every year?



Key Words Match-Up

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

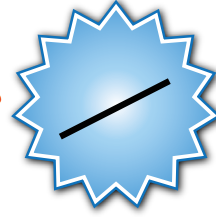
NAME

DATE

KEY WORDS

artificial	nano
designer	prototype
feedback	solar system
gyres	sustainable
laboratories	universe

Your Score is



%

- science, engineering, and technological work that deals with very tiny, or microscopic, things
- made by people; not natural
- something that will not stop but will continue in the future
- a person who plans and creates how something looks or works
- the Sun and all the objects that orbit it, such as planets, their moons, asteroids, and comets

- people's reactions to something
- areas in the sea where ocean currents meet and rotate
- rooms or buildings with equipment for experiments and other scientific studies
- the first version, or test version, of something, such as a vehicle or a machine
- all matter and energy that exists, including all the planets, stars, galaxies, and contents of space