

Warm-Up

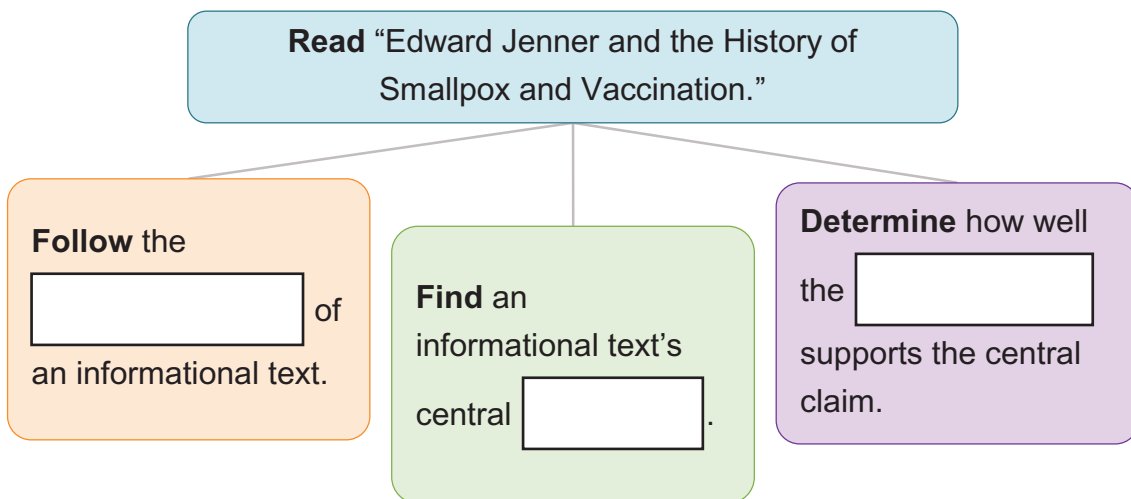
Analyzing a Claim in a Text about Edward Jenner



Lesson Question



Lesson Goals



Words to Know

Write the letter of the definition next to the matching word as you work through the lesson. You may use the glossary to help you.

- | | |
|------------------|---|
| _____ effective | A. timeline or sequence of events |
| _____ evidence | B. argumentative idea or point |
| _____ chronology | C. successful at achieving the desired effect |
| _____ claim | D. support for a claim |

Analyzing a Claim in a Text about
Edward Jenner**New Ideas**

The image of a lightbulb turning on is often used as a of:

- suddenly getting an idea for an or product.
- having a when working on a challenging problem.
- having an important .

Have you ever had your own “lightbulb moment”?

Instruction

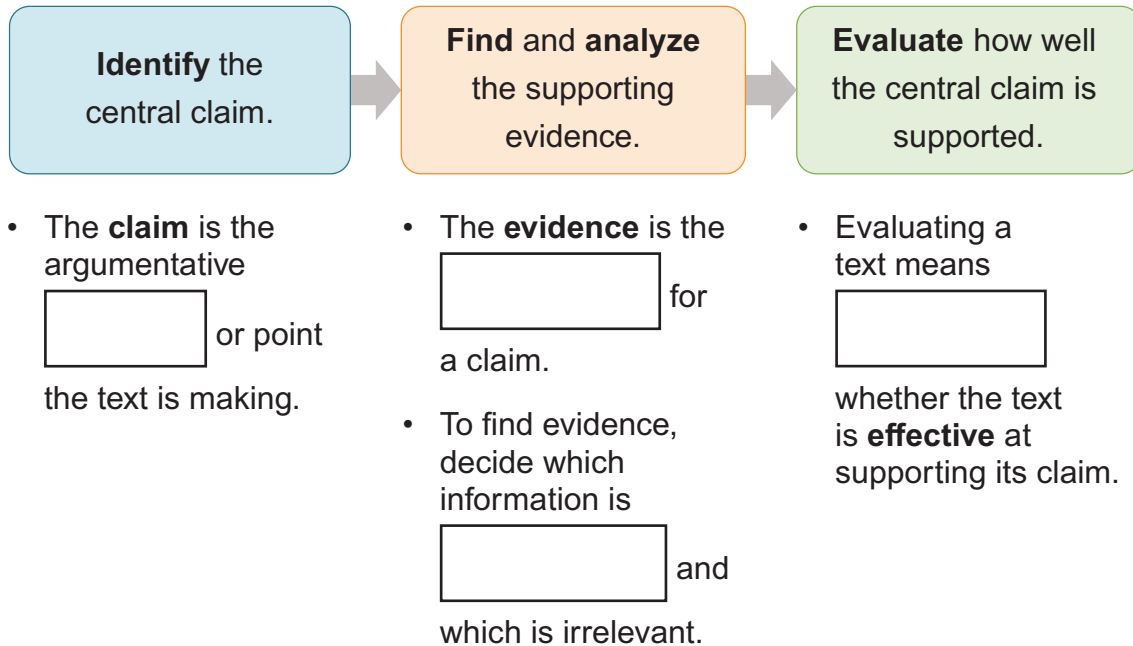
Part 1

Analyzing a Claim in a Text about Edward Jenner

Slide

2

Analyzing a Text That Makes a Claim



4

Finding the Claim

Underline the key details in the first paragraph that support the passage's central claim.

For many centuries, smallpox devastated mankind. In modern times we do not have to worry about it thanks to the remarkable work of Edward Jenner and later developments from his endeavors. With the rapid pace of vaccine development in recent decades, the historic origins of immunization are often forgotten. . . .

Edward Jenner is well known around the world for his innovative contribution to immunization and the ultimate eradication of smallpox. Jenner's work is widely regarded as the foundation of immunology – despite the fact that he was neither the first to suggest that infection with cowpox conferred specific immunity to smallpox nor the first to attempt cowpox inoculation for this purpose.

–“Edward Jenner and the History of Smallpox and Vaccination,”
Stefan Riedel

Instruction

Part 1

Analyzing a Claim in a Text about Edward Jenner

Slide

6

Chronological Text Structure

A **chronology** is a of events presented in the order in which they happened.

- Chronological order presents information beginning with events and proceeding to events.
- Texts that recount historical or incidents in a person's life are often organized chronologically.
- The structure is good for showing how an idea develops or changes .

Reading a Chronological Text

Underline the details in the text that indicate a chronological structure.

The origin of smallpox as a natural disease is lost in prehistory. It is believed to have appeared around 10,000 BC, at the time of the first agricultural settlements in northeastern Africa. It seems plausible that it spread from there to India by means of ancient Egyptian merchants. The earliest evidence of skin lesions resembling those of smallpox is found on faces of mummies from the time of the 18th and 20th Egyptian Dynasties (1570–1085 BC). The mummified head of the Egyptian pharaoh Ramses V (died 1156 BC) bears evidence of the disease.

–“Edward Jenner and the History of Smallpox and Vaccination,”
Stefan Riedel

Instruction
Part 1

Analyzing a Claim in a Text about
Edward Jenner

Slide

8

Edward Jenner (1749–1823)

- Was born in Gloucestershire, England
- Was a surgeon's
- Became interested in the relationship between
- Developed the first for smallpox
- Became known as the “father of ”

Instruction

Part 2

Analyzing a Claim in a Text about Edward Jenner

Slide

2

Determining the Effectiveness of Evidence**The claim:**

- Although many people worked to fight smallpox, Jenner has been given credit for starting and spreading the practice of immunization.

The evidence:

- Others brought inoculation to England.
- Others connected cowpox and smallpox.
- Jenner decided to intentionally infect people with cowpox to prevent smallpox.
- Jenner created the smallpox vaccine.

The claim in the text: “Although many people work to fight smallpox, Jenner has been given credit for starting and spreading the practice of immunization.”

- Even though others had introduced inoculation to England and others knew that people who had cowpox were less likely to get smallpox, Jenner had the “lightbulb” idea of giving people cowpox in a small dose before they got smallpox.
- Because of this, Jenner created and shared the smallpox vaccine.

When added together, each of these builds to show why Jenner has been given credit for starting and spreading the practice of immunization.

- Even though others had made connections between cowpox and smallpox, Jenner figured out that by intentionally infecting someone with cowpox he could prevent smallpox and this led to the vaccine.
- This evidence is effective at showing that Jenner has been given credit for starting the practice of .

Instruction

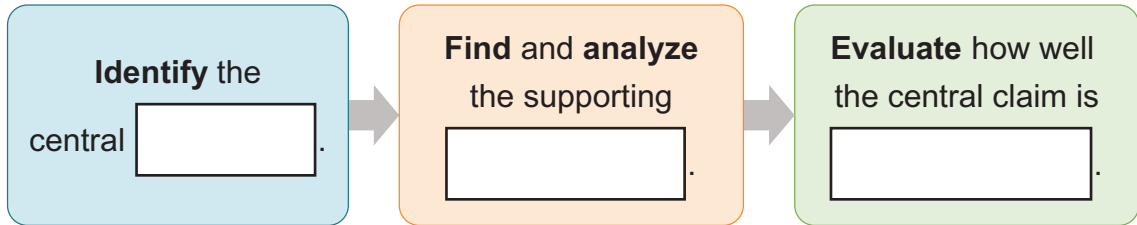
Part 2

Analyzing a Claim in a Text about Edward Jenner

Slide

5

Evaluating the Evidence



Summary

Analyzing a Claim in a Text about Edward Jenner



Lesson Question

What steps should you take to identify and analyze the central claim of an informational text?



Answer

Use this space to write any questions or thoughts about this lesson.