Lesson 8: Conclusions Require Evidence

Unit 1
Grade 4

Warm Up

Our school would like to identify 4th graders favorite snack.

What do you think it would be?

How would you be able to convince or prove to others that it is 4th graders' favorite snack?

One of the skills that you will be expected to master is the ability to draw conclusions just like you did in the Warm-up.

To be believable, conclusions must be well-supported.

In this lesson you will be developing your understanding of what evidence is, and be asked to identify evidence that can be used to back up conclusions in ways that make them believable or credible.

1. <u>Read</u> the paragraph in the gray shaded box,
2. <u>Di</u>scuss what a good definition of evidence might be with a partner,
3. <u>Write</u> their definition on the lines at the bottom of the handout.

Resource 1: Define Evidence   Name _____

Directions: Read the sentences in the box below and use the context clues to define the work *EVIDENCE*. Read the sentences, discuss a definition with a partner, then write a definition.

Historians draw conclusions from primary and secondary sources to help us understand what happened in the past. Historians are professionals who know how important it is to support their conclusions with evidence. If they want to be believed, they must provide facts and other information that convinces people that their conclusions are correct.

Based on what you just read, what might be a good definition for the word *EVIDENCE*?

_____

_____

_____

1. Read the paragraph in the gray shaded box,
2. Discuss what a good definition of evidence might be with a partner,
3. Write their definition on the lines at the bottom of the handout.

Resource 1: Define Evidence   Name _____

Directions: Read the sentences in the box below and use the context clues to define the work *EVIDENCE*. Read the sentences, discuss a definition with a partner, then write a definition.

> Historians draw conclusions from primary and secondary sources to help us understand what happened in the past. Historians are professionals who know how important it is to support their conclusions with evidence. If they want to be believed, they must provide facts and other information that convinces people that their conclusions are correct.

Based on what you just read, what might be a good definition for the word *EVIDENCE*?

_____

_____

_____

Evidence - facts or information that leads intelligent people to accept that something is true or worthy of believing.

Write the
following on a
piece of paper or
index card:

I am a really
good person

Provide evidence
for the
conclusion.

Conclusion: I am a really good person

Evidence:

You are now going to do an activity in which you will have to decide whose evidence supports conclusions and what the evidence is.

Read through each scenario and answer the two questions for each.

Directions: Read the 3 scenarios below then answer the 2 questions for each scenario.

Scenario 1

Mary says that she has more money than Bill. Bill replies, no you don't.
Joe says, let's settle this. Both of you put your money on the table.
Mary puts a quarter, 3 dimes, and a nickel on the table.
Bill put a quarter, 3 nickels, and a dime on the table.

1. Which conclusion is supported by evidence - Mary's or Bill's? _____
2. What is the evidence? _____

Scenario 2

A teacher asks students who the most popular President in American history has been.
Latoya concludes that it was Franklin Roosevelt. Julius says it is George Washington because he was our first President.
The teacher asks Latoya why she chose President Roosevelt.
Lotoya says he is the only President in American history to be elected 4 times.

1. Whose conclusion is supported by evidence - Latoya's or Julius? _____
2. What is the evidence? _____

Scenario 3

Isabella and Rico have reached different conclusions about apps.
Isabella concludes that Instagram is the best app. Rico says it is Tik Tok.
Isabella says that Instagram allows users to share photos or videos and that Tik Tok only lets you share videos.

1. Whose conclusion is supported by evidence -Isabella's or Rico's? _____
2. What is the evidence? _____

Let's figure out how we will get the evidence for the conclusions.

Resource 3: Identifying Evidence   Name _____

Directions: read each statement below then describe evidence that is needed to support each conclusion.

Conclusion 1: Hector is taller than Juan.

What could we do to get the evidence that is needed to support this conclusion?

_____

Conclusion 2: Andre is faster than Jerry.

What could we do to get the evidence that is needed to support this conclusion?

_____

Conclusion 3: More people like Chick-Fil A than McDonalds.

What could we do to get the evidence that is needed to support this conclusion?

_____

Conclusion 4: 2020 was the hottest year since records have been kept.

What could we do to get the evidence that is needed to support this conclusion?

_____

Conclusion 5: Delaware is not the smallest state in the United States.

What could we do to get the evidence that is needed to support this conclusion?

_____

Conclusion 6: 4th grade students are smarter than 2nd grade students.

What could we do to get the evidence that is needed to support this conclusion?

_____

Check for Understanding

The chart below contains SOURCES that show us lists of the names of Presidents from three different states.

Source 1 Presidents from Ohio	Source 2 Presidents from New York	Source 3 Presidents from Virginia
Ulysses S. Grant Rutherford B Hayes James A. Garfield Benjamin Harrison William McKinley William Howard Taft Warren G. Harding	Martin Van Buren Millard Fillmore Theodore Roosevelt Franklin D. Roosevelt Donald Trump	George Washington Thomas Jefferson James Madison James Monroe William Henry Harrison John Tyler Zachary Taylor Woodrow Wilson

1. Circle the source or sources that can be used as evidence to support the conclusion that Virginia is the state that has given us more Presidents than any other state?

        Source 1   Source 2   Source 3

The chart below contains the names of 3 children's books and the number of copies of each book sold.

Source 1	Source 2	Source 3
Alice's Adventures in Wonderland 100 million copies sold	*Harry Potter and the Sorcerer's Stone* 120 million copies sold	*The Lion, the Witch, and the Wardrobe* 85 million copies sold

2. One hundred and forty million copies of *The Little Prince* have been sold. Circle the source or sources that can be used as evidence to support the conclusion that The Little Prince is the most popular children's book of all time?

        Source 1   Source 2   Source 3