

# Warm-Up

## Synthesizing Ideas in an Informational Text



### Lesson Question



### Lesson Goals

**Read** from *When Birds Get Flu and Cows Go Mad! How Safe Are We?* by John DiConsiglio.

**Understand** chronological  in an informational text.

**Synthesize** information from different .

**Interpret** information from charts and graphs.



### 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.

- |                                    |  |
|------------------------------------|--|
| <input type="text"/> illustrate    | A. a judgment or inference based on evidence |
| <input type="text"/> conclusion    | B. to bring together parts into a whole      |
| <input type="text"/> chronological | C. to show using an example or a visual      |
| <input type="text"/> synthesize    | D. ordered based on time                     |

# Instruction

## Part 1

# Synthesizing Ideas in an Informational Text

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## Sorting Information

Writers often sort information to help readers  different parts of a text through:

- pictures or diagrams.
- numbered sections.
- .
- graphs or charts.
- maps.
- or separated sections of text.

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## Information Sorted by a Keyword Graphic Organizer



Information can be sorted by keyword , using a graphic organizer.

In this presentation style, an essential point or image is annotated with different pieces of information.

# Instruction

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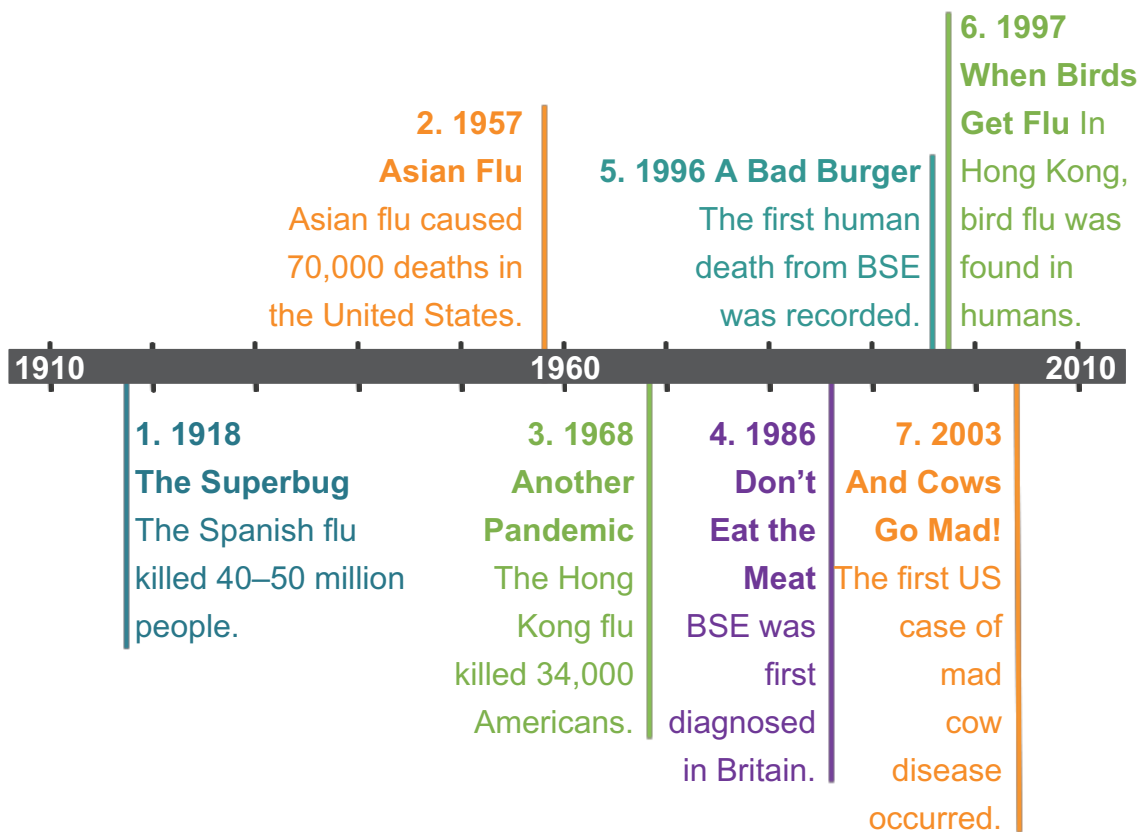
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### Information Sorted by Numbering

Numbering can be used in an informational text to:

- show  order, or time-based order.
- show the steps of a process.
- information.



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**Numbers Used to Divide Information**

**Don't worry about mad cow disease. But pay attention to E. coli.  
Here's how you can protect yourself from it.**

- 1) Wash Your Hands Carefully
- 2) Don't Cross-Contaminate
- 3) Keep Hot Foods Hot
- 4) Keep Cold Foods Cold
- 5) Wash Fruits and Vegetables

*—When Birds Get Flu and Cows Go Mad!,  
John DiConsiglio*

This selection is numbered in order to divide information into different

## Instruction

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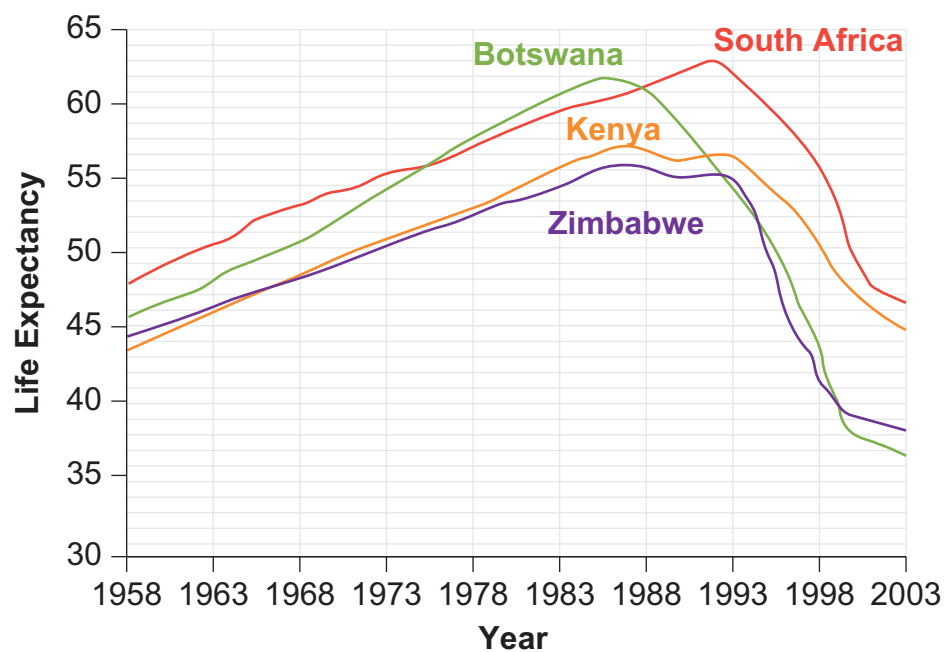
9

## Interpreting a Graph

Charts and graphs are  ways to present information that show different kinds of data at once.

## HIV/AIDS IN AFRICA, 1958–2003

The deadly disease has been dramatically shortening life expectancy.



The graph allows you to quickly  the countries.

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## Interpreting a Map

Maps  information by showing it in a visual way.

This map includes:

- a title.
- .
- supporting text.

## HIV AROUND THE WORLD (2006)

**North America**

Adults and children living with HIV:  
1.4 million  
Adult and child death due to HIV:  
18,000

**Caribbean**

Adults and children living with HIV:  
250,000  
Adult and child death due to HIV:  
19,000

**Latin America**

Adults and children living with HIV:  
1.7 million  
Adult and child death due to HIV:  
65,000

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Part 2

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### Synthesizing Information

To **synthesize** information, put together different pieces of information.

- This allows you to draw , or judgments or inferences based on evidence, about the text as a whole.

To :

- Read a section, then stop and think about what you know.
- Decide what the central ideas are.
- Think about how the text  to you, other texts you have read, or the world.
- Use your own words to reflect on what you have learned and to generate new ideas.



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Part 2

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### Synthesizing Information by Connecting Text to Text

When information about similar ideas is presented in different formats, you can make text-to- connections between the ideas in the whole text.

#### **The Disease Hunter's Toolbox**

##### **Gloves**

Doctors and scientists use different types of gloves. Surgical gloves help keep a wound sterile – free from dangerous germs and bacteria. Examination gloves prevent contamination or infection when treating a patient.

#### **Fear of Food?**

##### **1. Wash Your Hands Carefully**

Proper hand washing can get rid of almost half of all foodborne illness. . . .

##### **2. Don't Cross-Contaminate**

When raw meat comes in contact with other foods, it can cause cross-contamination. Don't use the same utensils for meat and other foods. And be sure to wipe down countertops and cutting boards.

The second text  to the first in that it also shows methods for how to avoid contamination and spreading disease.

# Summary

## Synthesizing Ideas in an Informational Text



**Lesson Question**

How do you put together information presented in different formats?



**Answer**

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