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Video Page



When Horses Fly

Teacher's Guide

This Teacher's Guide includes the following:

- Suggested Lesson Plan
- Preview Questions
- Key Terms
- Viewing Guide
- Discussion Questions
- Quiz
- Enrichment Activities
- Answer Key

Suggested Lesson Plan

These materials may be used in a variety of ways. For maximum benefit, we suggest the following lesson plan:

- As a class, discuss the Preview Questions and Key Terms.
- Distribute copies of the Viewing Guide for students to use as a note-taking tool during the video.
- Play the video, pausing if needed to facilitate understanding and note-taking.
- Review and discuss answers to the Viewing Guide, using the Answer Key as a guide.
- Use Discussion Questions to spark class discussion, or assign these questions as homework.
- Replay the video as preparation for the Quiz.
- Administer and grade the Quiz, using the Answer Key as a guide.
- Optional: Assign one or more of the Enrichment Activities.

When Horses Fly

Preview Questions

(These are meant to be read aloud by the teacher.)

1. Based on the title, what do you think you will learn from this film?
2. Locate Lexington, Kentucky, and Hokkaido, Japan, on a map or globe.
3. What do you think of when you hear the word globalization?
4. What are some inventions that have helped make globalization possible?

Key Terms and Definitions

1. Entrepreneur – a decision maker who takes the risk of trying innovative approaches and products and pursuing projects in the expectation of making profits. A successful entrepreneur’s actions will increase the value of resources.
2. Globalization – the process of increasing the connectivity and interdependence of the world's markets and businesses. This process has speeded up dramatically in the last two decades as technological advances make it easier for people to travel, communicate, and do business internationally.
3. Innovation – the introduction and adoption of a new product or process; the economic application of inventions and marketing techniques.
4. Technological – having to do with tools, machines, or systems designed to solve a problem or achieve a goal

Name: _____

Date: _____

When Horses Fly Viewing Guide, page 1

1. Today you can fly from New York to LA in _____.
2. Everything moves by air, and at the heart of it all: _____.
3. 47 prize-winning _____ will begin a 6,200 mile journey to Hokkaido, Japan.
4. The Considine farm in _____ is one of the largest thoroughbred import/export quarantine facilities in the world.
5. Giles Instone specializes in _____.
6. Our techniques reduce flight times and help ensure the _____ of the horses.
7. Fasta is pregnant with her first _____ and has been sold to Shadai Farm for \$625,000.
8. Horses are _____ every day of the week somewhere in the world.
9. Air cargo's changed the _____ dramatically because now we can move horses from continent to continent.
10. For a horse, riding in a scissor lift is like a child's first _____.

Name: _____

Date: _____

When Horses Fly **Viewing Guide, page 2**

11. For the high-strung horses, _____ is critical.
12. They will never be far from a bottle of _____ while working with the horses.
13. It's _____ for the horses, but for the humans, it will be a chilly flight.
14. Several times through the flight, Dan Considine must treat some animals with _____.
15. Their new home is at Shadai Farm on the northern _____ of Hokkaido.
16. Because of the cargo jet, this secluded place on one of Japan's most _____ islands has become one of the top horse farms in the world.
17. Airfreight has become a _____ platform for starting businesses.
18. Do what you do best and _____ for the rest.

When Horses Fly **Discussion Questions**

1. What does it mean to divide labor?
2. If each person had to rely on his/her own labor for everything, would we be able to do things like transport horses by air? Explain.
3. How do the techniques developed by the people who specialize in transporting horses from the U.S. to Japan improve the process? List two benefits mentioned in the film.
4. Why do the humans on the flight carry oxygen bottles?
5. Why is the temperature on the flight kept in the mid-50s?
6. Why do some of the horses receive medication during the flight?
7. Why is there so much concern for the safety and well-being of the horses?
8. What resources are used in transporting horses by air? List as many as you can. (Be sure to include labor and services.) What makes the business worthwhile?
9. What has enabled Shadai Farm on the remote island of Hokkaido to become one of the top horse farms in the world?
10. "If goods don't cross borders, armies will." Do you agree? What motivates people to trade across borders? What motivates them to invade other countries?
11. What can countries get from each other by trading? By wars? How can a trade relationship discourage countries from going to war with each other?
12. How has globalization affected your life?
13. As you prepare to enter the workforce, how do you think globalization will affect the opportunities and challenges you will face?

Name: _____

Date: _____

When Horses Fly Quiz, page 1

1. Today you can fly from New York to Los Angeles in _____.
 - A) 5 hours
 - B) 10 hours
 - C) 14 hours
 - D) 30 hours

2. Fasta has been sold to Shadai Farm for _____.
 - A) \$625
 - B) \$6250
 - C) \$625,000
 - D) \$6,250,000

3. The horses' new home is at Shadai Farm in _____.
 - A) Kentucky
 - B) Japan
 - C) China
 - D) Australia

4. Air cargo _____.
 - A) Has changed the horse shipping business dramatically.
 - B) Has made shipping horses more difficult.
 - C) Has made it more dangerous to ship horses.
 - D) Has had no effect on the horse shipping business.

5. The shippers on the flight carry bottled _____ at all times when working with the horses.
 - A) Water
 - B) Oxygen
 - C) Nitrogen
 - D) Champagne

Name: _____

Date: _____

When Horses Fly Quiz, page 2

6. The temperature on the flight is _____.
- A) Kept in a comfortable range for the humans.
 - B) Kept in the mid-50s.
 - C) Kept In the mid-70s.
 - D) Allowed to fluctuate.
7. Considine Farm is a large thoroughbred import/export quarantine facility in _____.
- A) Japan
 - B) New York
 - C) Ireland
 - D) Kentucky
8. How many thoroughbreds are on the flight to Hokkaido?
- A) 7
 - B) 47
 - C) 747
 - D) 6,200
9. People specializing in shipping horses have developed techniques that _____.
- A) Reduce flight times
 - B) Help ensure the safety of the horses
 - C) Both a and b
 - D) None of the above
10. Do what you do best and _____ for the rest.
- A) Wait
 - B) Hope
 - C) Fight
 - D) Trade

When Horses Fly

Enrichment Activities

1. Division of Labor

- Divide the class into small groups. Each group should make two lists.
- On the first, list all of the things an individual or family could make or provide for themselves, without relying on anyone else.
- On the second, list 20 products and services that are made possible only by people working together, specializing and trading.
- How many things are on your first list? How would their quality compare with what you could buy in the marketplace? How much time would you spend producing them? Share both lists with the class.
- Discuss: How does the division of labor affect your life?

2. Research Project

Working individually or in small groups, select one of the following topics to research and create a report. Include graphics and photos in your report. Present your findings to the class.

- Hokkaido, Japan – include information about the economy, geography, and culture.
- Lexington, Kentucky – include information about the economy, geography, and culture.
- Thoroughbred horses – include information about the business of raising thoroughbreds and how they are used.
- The jumbo jet (wide-body jet) – include information about the history, development, and uses of jumbo jets.

When Horses Fly
Activity:
Who chooses? Who benefits? Who pays?

Use the following questions as a springboard for class discussion, a small group exercise, or an individual writing assignment.

When people and businesses are able trade with others from around the world –

- Who chooses what products and services to create? Who decides which ones succeed?
- Who benefits from the new products and services that become available?
- Who pays for the creation of new products and services? Who pays to use them?

When Horses Fly

Viewing Guide Answer Key

1. five hours
2. the jumbo jet
3. thoroughbreds
4. Lexington, Kentucky
5. shipping horses
6. safety
7. foal
8. flying
9. business
10. elevator ride
11. takeoff
12. oxygen
13. comfortable
14. medication
15. island
16. remote
17. global
18. trade

Quiz Answer Key

1. A) 5 hours
2. C) \$625,000
3. B) Japan
4. A) Has changed the horse shipping business dramatically
5. B) Oxygen
6. B) Kept in the mid-50s
7. D) Kentucky
8. B) 47
9. C) Both a and b
10. D) Trade

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