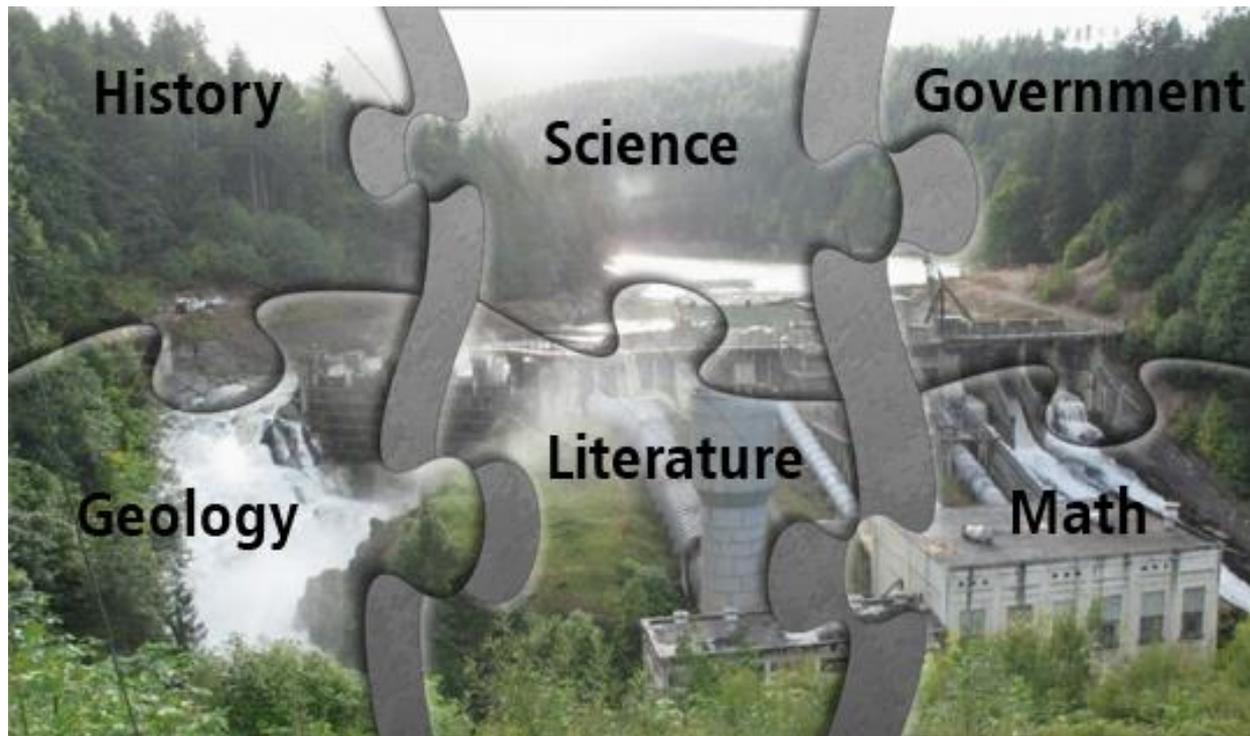
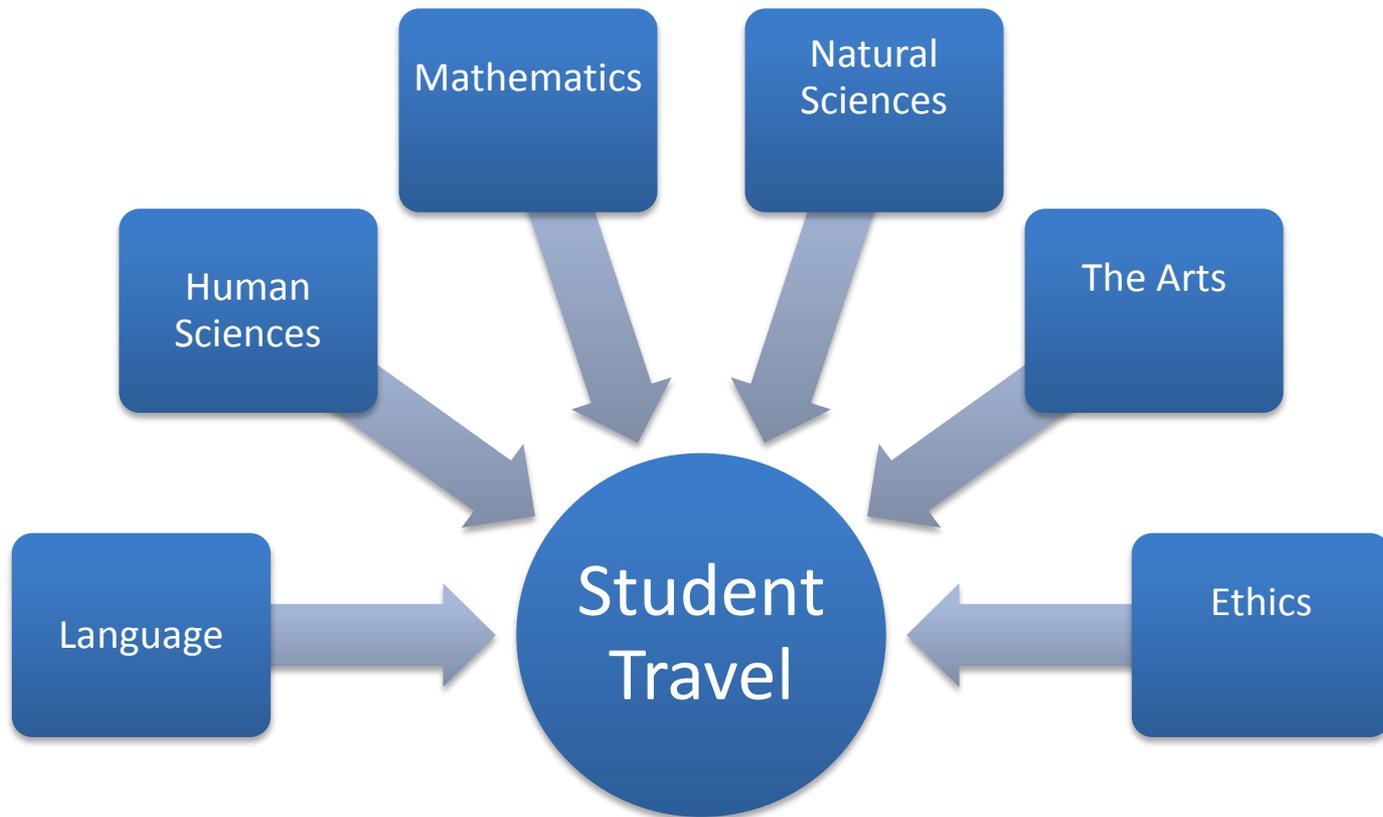


An Interdisciplinary Approach to Student Travel



Areas of Knowledge



Language and Literature

Lincoln Monument: Washington

Let's go see Old Abe
Sitting in the marble and the moonlight,
Sitting lonely in the marble and the moonlight,
Quiet for ten thousand centuries, old Abe.
Quiet for a million, million years.

Quiet—

And yet a voice forever
Against the
Timeless walls
Of time—
Old Abe.

Langston Hughes



Language: The Journal

Did you take a tour on Friday?



Language: Journal Writing

- Write down five words to describe your experience.
- Choose one of those five words and expand on your description, writing at least 5 sentences.
- Choose a partner and share your description.
- Ask your partner one question generated by the description.



Human Sciences



Mark Twain said, “Travel is fatal to prejudice, bigotry, and narrow-mindedness, and many of our people need it sorely on those accounts. Broad, wholesome, charitable views of men and things cannot be acquired by vegetating in one little corner of the earth all one’s lifetime.”

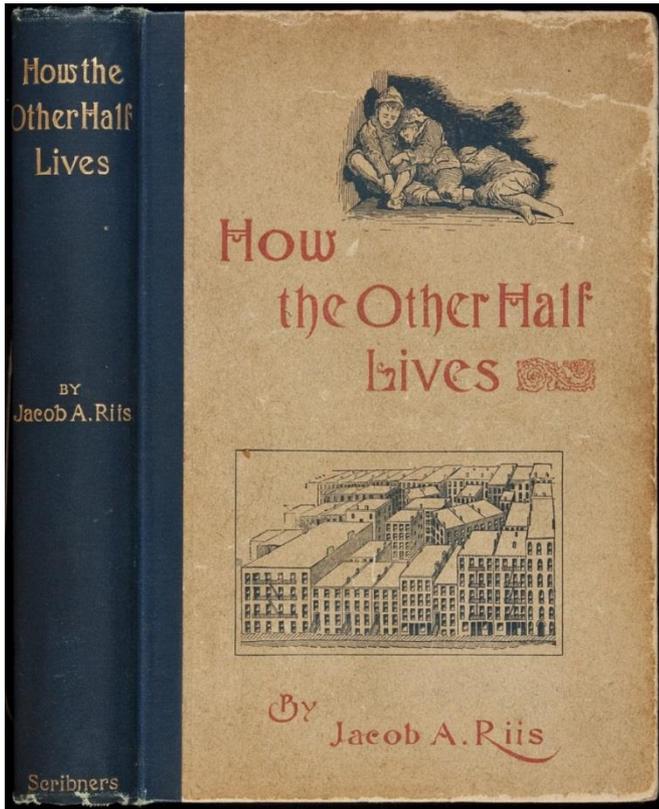
(Innocents Abroad)

The Tenement Museum

- Historical Interpretation
- Specialized Tenement Tours
- Walking Tours
- Interactive Discussions
- Teacher Resources



Sociology: Immigration

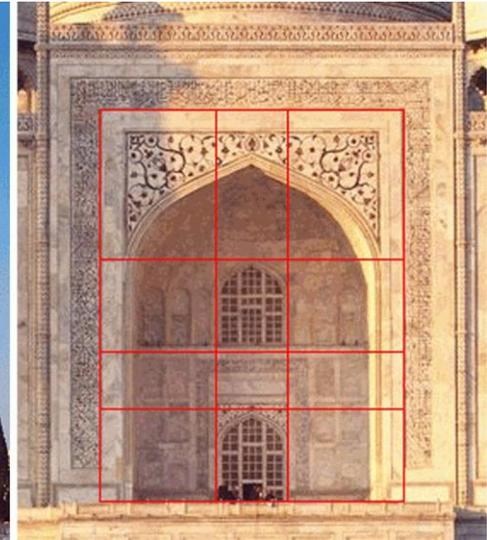
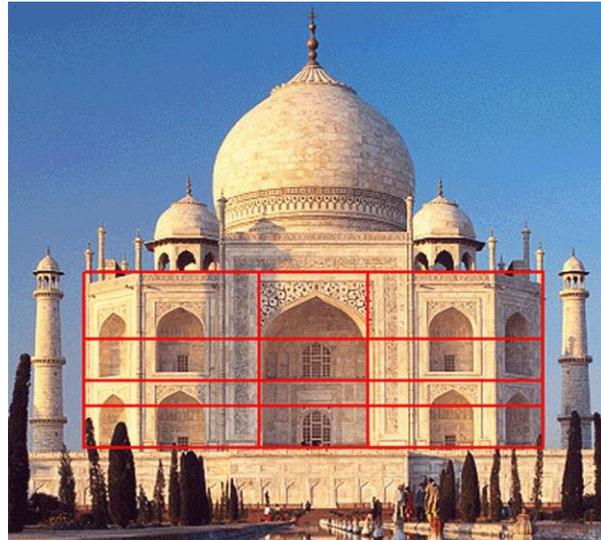


Sociology: Immigration

- Why is photography an effective tool for social change?
- What is the responsibility of the government in caring for its people?
- How does the Tenement Museum serve as a means of social change?
- What can learning our history teach us about the present?

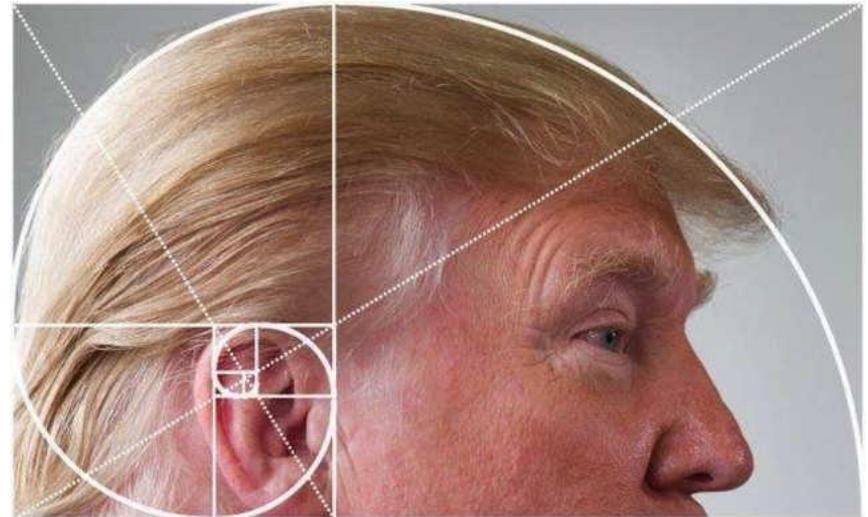
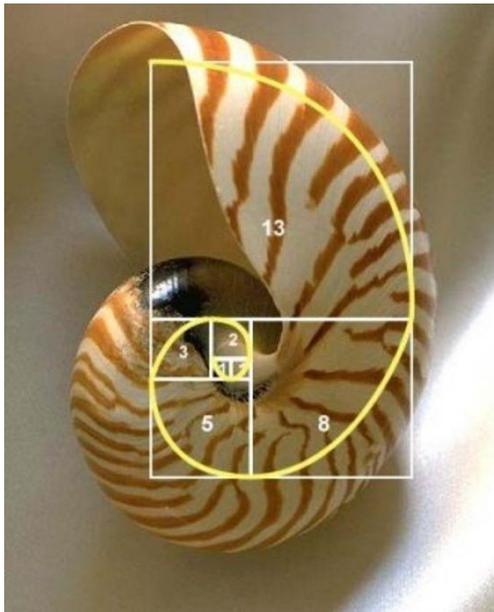
Mathematics

“Mathematics is the music of reason.” --James Joseph Sylvester



Mathematics: The Golden Ratio

“The Golden Ratio has inspired thinkers of all disciplines like no other number in the history of mathematics.” --Mario Livio



Mathematics: An Arithmetic Lesson

- **Menu for Gentlemen and Musicians**
- First Troop Philadelphia City
- Cavalry Archives, 1774 City Tavern
- George Washington
- Entertainment of 15 Sept., 1787
- Light Troop of Horse, September the 14th 1787

| | | | |
|---|--|---|------------|
| • | To 55 Gentlemans Dinners & Fruit | | |
| • | — | Rellishes, Olives etc..... | 20 12 |
| • | — | 54 Bottles of Madera..... | 20 5 |
| • | — | 60 of Claret ditto..... | 21 |
| • | — | 8 ditto of Old Stock..... | 3 6 |
| • | — | 22 Bottles of Porter ditto..... | 2 15 |
| • | — | 8 of Cyder ditto..... | 16 |
| • | — | 12 ditto Beer..... | 12 |
| • | — | 7 Large Bowels of Punch..... | 4 4 |
| • | — | Segars Spermacity candles etc..... | 2 5 |
| • | To Decantors Wine Glass [e]s & Tumblers Broken etc.. | | 1 |
| • | To 16 Servants and Musicians Dinners..... | | |
| • | — | 16 Bottles of Claret..... | 5 12 |
| • | — | 5 ditto Madera..... | 1 17 |
| • | — | 7 Bouls of Punch..... | 2 16 |
| • | | £89 4 2 | |



• Musich- [?] SSB 3/15/55

Mathematics: An Arithmetic Lesson



- A pound in 1787 is worth £162 today. How many pounds would the drink cost today?
- A pound today is \$1.32 in U.S. dollars. How much did General Washington spend on his visit in today's dollars?

Natural Sciences

“Natural science does not simply describe and explain nature; it is part of the interplay between nature and ourselves.”

– Werner Heisenberg



Natural Science: Observation

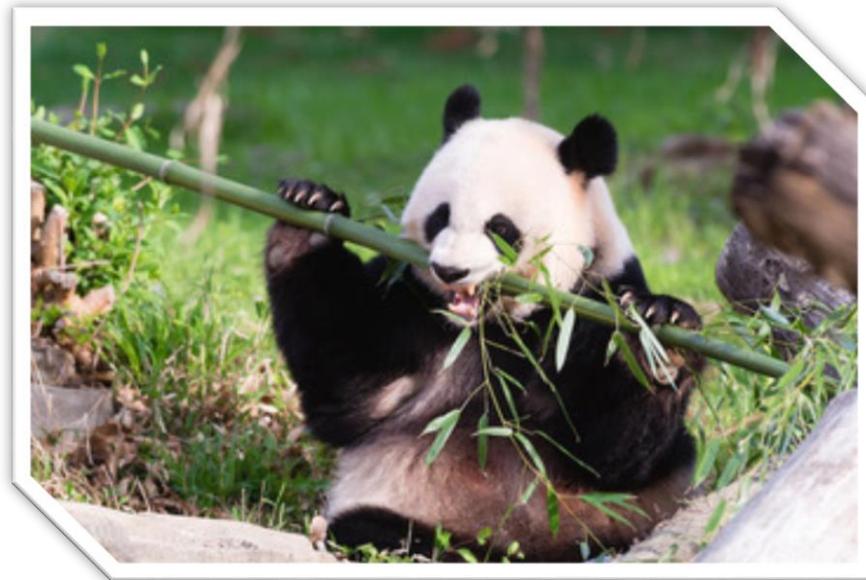
Choose one of the pandas to observe carefully:

1. Make a quick sketch in which you show distinct markings.
2. Take notes on everything the panda does for 5 minutes.
3. In groups of 3-4 compare your notes. What do your observations reveal to you about pandas?
4. Why do you think it might be important to save the pandas in the wild?



Natural Science: Observation

Observe the Pandas



The Arts

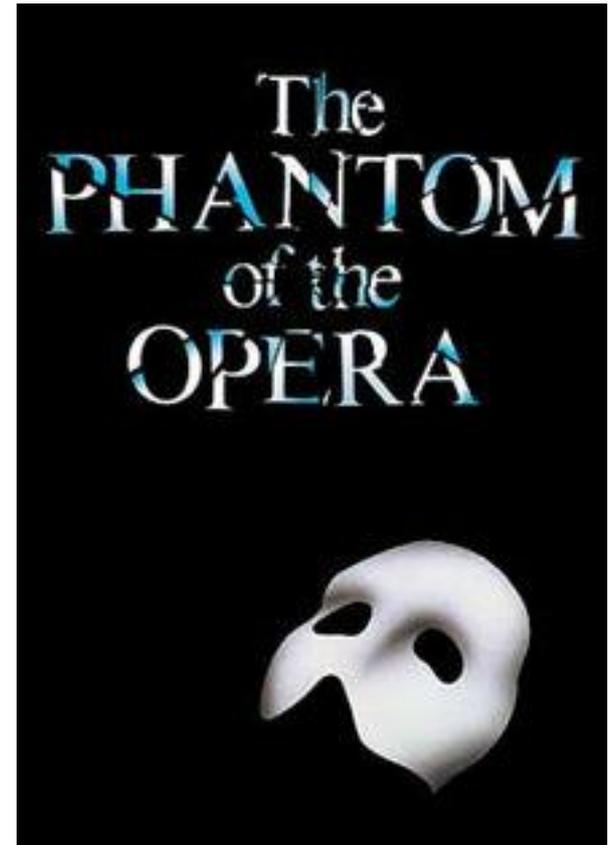
“Art is a lie that makes us realize the truth.” -- Picasso



The Arts: Theater

Goethe's 3 Principles of Criticism

- What is the artist trying to do?
- How well was it done?
- Was it worth doing?



The Arts: Dance



The Arts: Dance

- Why do we dance? Name a dance that is popular today (or when you were teenager). How does dance reflect society?
- The music of the minuet follows a formal rhythm and the dance a formal pattern. How does the tone of the dance reflect the time period?
- Philip Fithian, a dance tutor in Colonial Williamsburg, noted that “Virginians are of genuine blood, they will dance or die.” Why do you think the colonists were interested in the dance and music of the British aristocracy?

The Arts: Visual Arts

- Choose a piece of art that moves you.
- Write down 10 things you see.
- Take a photo.

Later, in the motor coach:

- Study your photo.
- Write down 5 new things you see.
- Share with your seat partner.

The Arts: Visual Arts



Sunday on La Grande Jatte, George Seurat

The Arts: Music

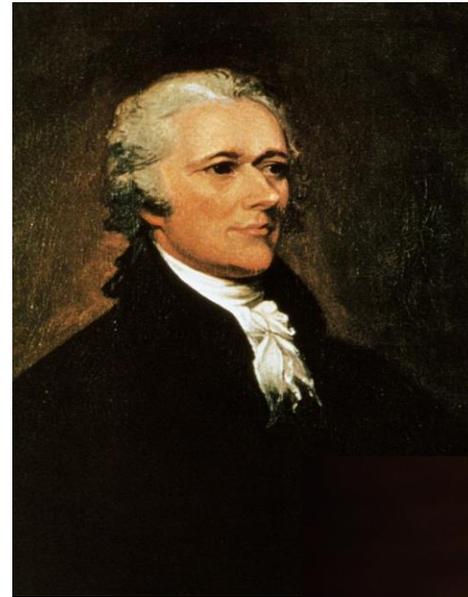
“When we use music with the intention of supporting the learning process, it becomes a soundtrack to learning that enhances the experience.”
– Chris Brewer, *Soundtracks for Learning: Using Music in the Classroom*



Music: Interdisciplinary Approach to History

Alexander Hamilton

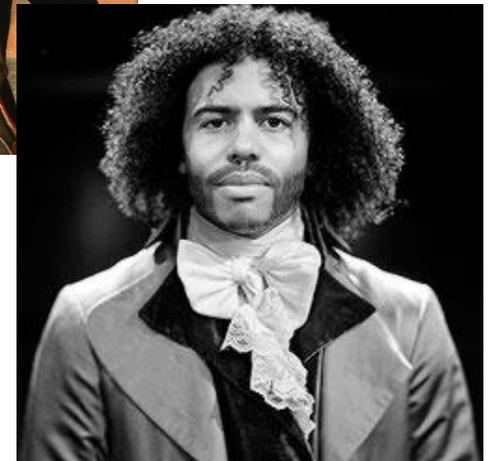
Lieutenant Colonel Hamilton at the time of the Battle of Yorktown, Hamilton was appointed, at his insistence, as the commander of a light infantry battalion in Lafayette's division. During the battle his troops were able to capture Redoubt 10.



Music: Interdisciplinary Approach to History

Marquis de Lafayette

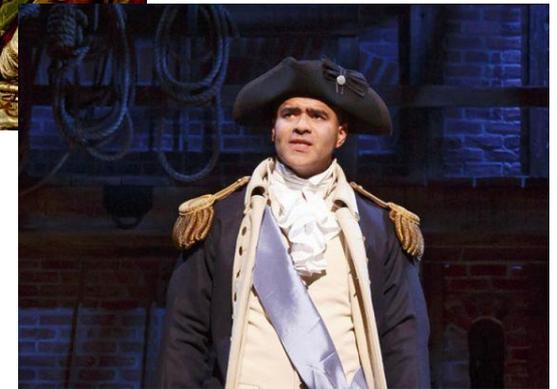
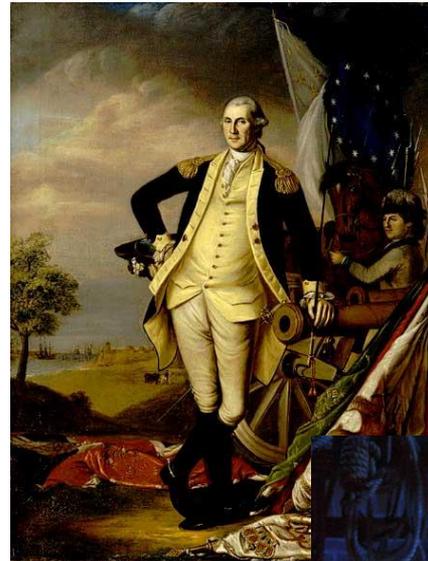
Major General Marquis de Lafayette arrived in Yorktown seven months before the battle: his primary objective at that time was to capture the traitor, Benedict Arnold. He was surprised by the arrival of Cornwallis at Yorktown and, with Washington, marched to Yorktown with 17,000 soldiers from France and the colonies. He commanded a division of American troops at the Battle of Yorktown and was present at the surrender of Cornwallis on October 19, 1781.



Music: Interdisciplinary Approach to History

George Washington

General Washington marched his troops from New York to Yorktown, arriving on September 14, 1781. As the commander-in-chief to the forces, he coordinated the American and French troops.



Music: Interdisciplinary Approach to History

John Laurens

Aide-de-camp to George Washington; he returned from Paris, where served as a special envoy to Franklin, in time to join the battle of Yorktown. He assisted Hamilton in capture Redoubt 10 during the battle. He also served as the American commissioner in working out the terms of the surrender of Cornwallis.



Music: Interdisciplinary Approach to History

Hercules Mulligan

Mulligan was an Irish clothing merchant who immigrated as a young boy. He became friends with Alexander Hamilton when Hamilton resided in his home until graduation from Columbia. During the Revolutionary War, Mulligan operated as a Loyalist behind British lines and began to send correspondence to General Washington, warning him of the movement of British troops.



Music: Interdisciplinary Approach to History

- What do you already know about the Battle of Yorktown? [Battle of Yorktown, 1787 \(Hamilton\)](#)
- What do you learn about the Battle of Yorktown from the song?
- In what ways does hip-hop music succeed in telling the story of the important battle of the American Revolution?

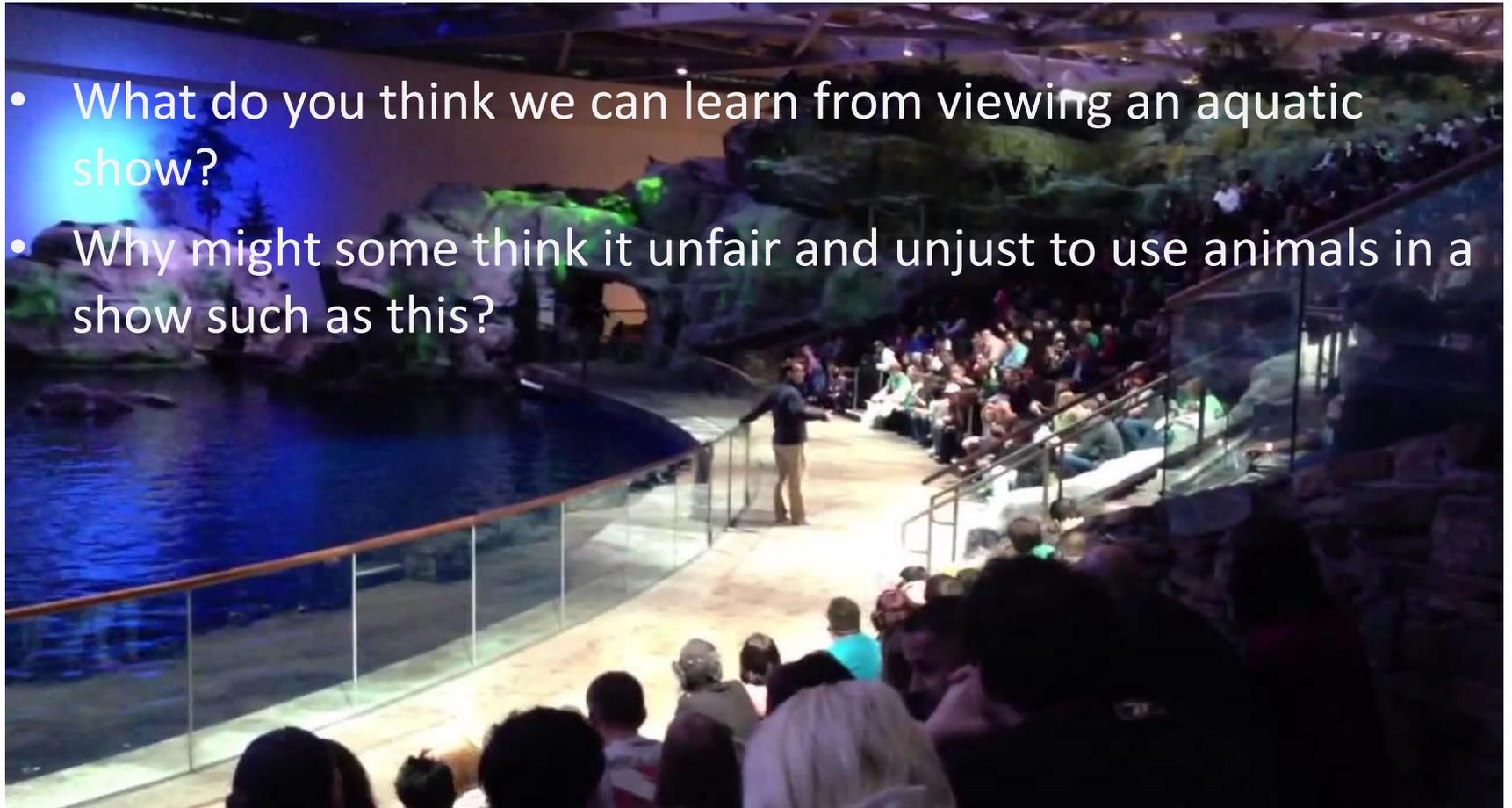
Ethics

“To educate a man in mind and not in morals is to educate a menace to society.” – Theodore Roosevelt



Ethics: Animal Conservation

- What do you think we can learn from viewing an aquatic show?
- Why might some think it unfair and unjust to use animals in a show such as this?



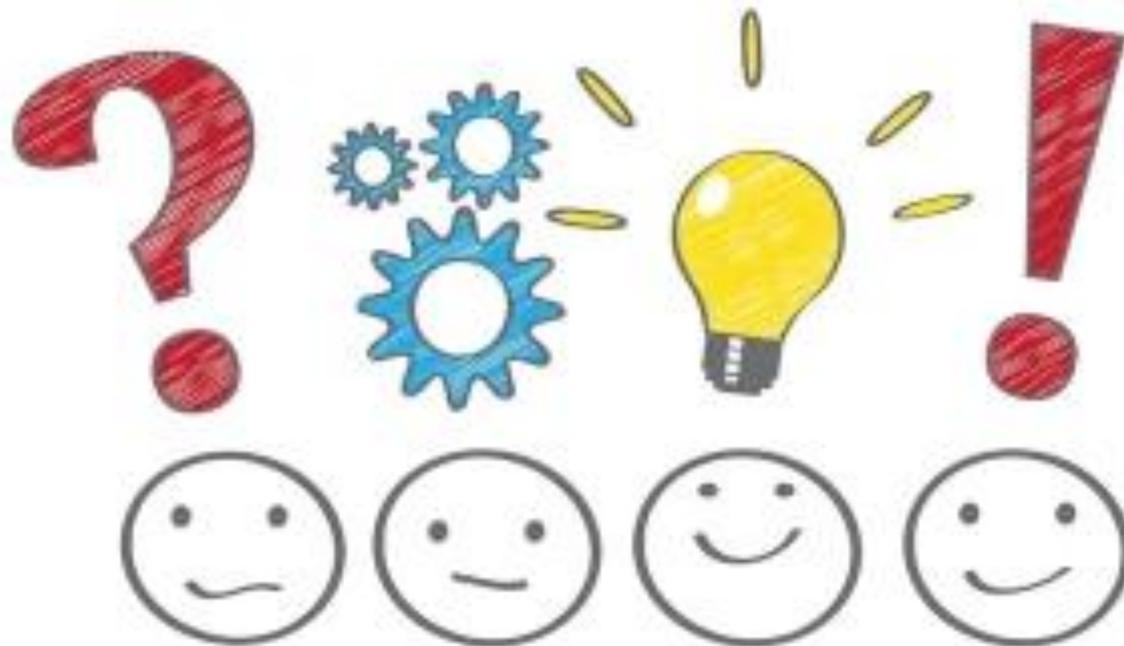
Ethics: Animal Conservation

- To what extent do organizations like SeaWorld have a responsibility for animal conservation?
- Should trainers continue to perform tricks with the animals? Why? Or why not?



Questions and Answers

So, what can I do as a supplier or tour operator?



Thank you for your attention

Faye Brenner

*Transforming Student Travel: A Resource Guide for
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