

# Transforming Student Travel: Inquiry-Based Student Tours



# The International Baccalaureate

## Our IB mission

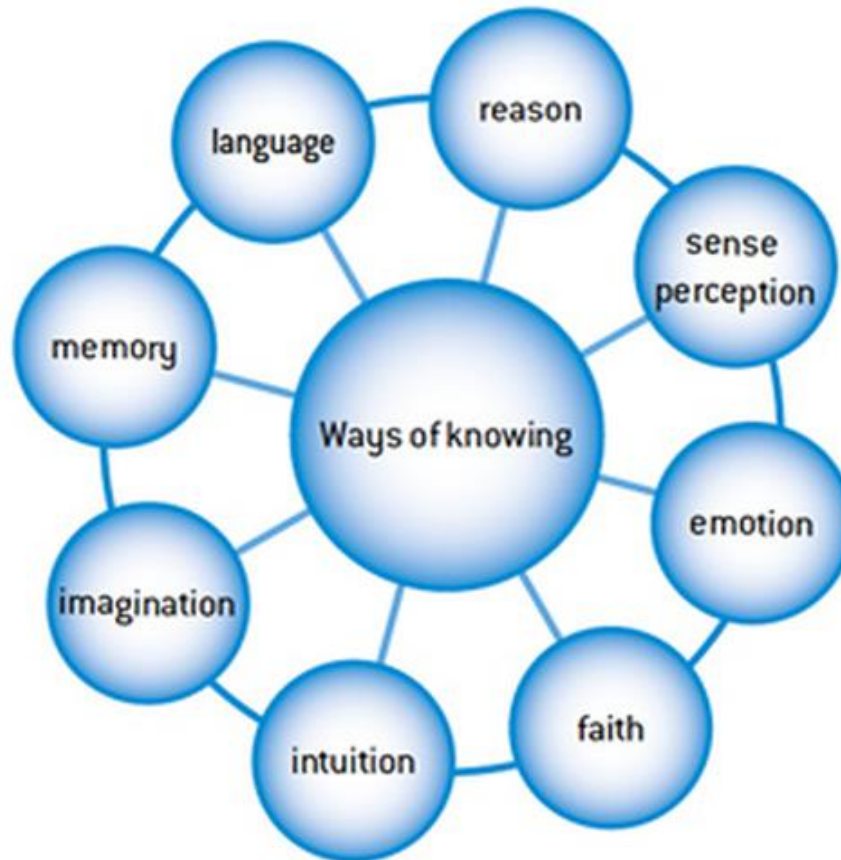
The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.



# Ways of Knowing



# Language

*“Language is the mother of thought, not its handmaiden.”  
– Karl Kraus*





# Language:

## Martin Luther King, Jr. Memorial

- **Imagine that you know nothing about Martin Luther King, Jr.**
- **Read the quotes inscribed on the granite wall.**
- **Based only on the quotes, what do you know about Martin Luther King and how do you know?**



# Martin Luther King, Jr. Memorial

- **"We shall overcome because the arc of the moral universe is long, but it bends toward justice."**
- **"Darkness cannot drive out darkness, only light can do that. Hate cannot drive out hate, only love can do that."**
- **"I believe that unarmed truth and unconditional love will have the final word in reality. This is why right, temporarily defeated, is stronger than evil triumphant."**
- **"Make a career of humanity. Commit yourself to the noble struggle for equal rights. You will make a better person of yourself, a greater nation of your country, and a finer world to live in."**
- **"I oppose the war in Vietnam because I love America. I speak out against it not in anger but with anxiety and sorrow in my heart, and above all with a passionate desire to see our beloved country stand as a moral example of the world."**
- **"If we are to have peace on earth, our loyalties must become ecumenical rather than sectional. Our loyalties must transcend our race, our tribe, our class, and our nation; and this means we must develop a world perspective."**

# Sense Perception

***“All credibility, all good conscience, all evidence of truth come only from the senses.” -- Friedrich Nietzsche***



# Sense Perception: National 9/11 Memorial



Ask the students to visit the memorial individually; they will have the opportunity to share their experiences after their initial experience.

- Find a place on the memorial where you are not surrounded by a lot of people. Choose one name on the memorial and very carefully and slowly touch each letter individually. Use your whole hand to feel the name.
- Listen to the water. Try to drown out all the other sounds.
- Walk around one of the pool. Walk at a natural pace and do not stop.



# National 9/11 Memorial

- Sit by a tree. What do you smell?
- Now look. Don't only look at the memorial, but also the people around you. What do you see?
- How did your senses influence your experience at the memorial?
- The name of the memorial pools is "Reflecting Absence." In what ways did your experience reflect absence?
- How does it reflect a presence?



# The Other Senses



I'm thirsty!

# The Other Senses



*I'm hungry!*

# The Other Senses



Let's move!



# Emotion

***“There can be no knowledge without emotion. We may be aware of a truth, yet until we have felt its force, it is not ours. To the cognition of the brain must be added the experience of the souls.”***

**-- Arnold Bennett**



# Emotion and Body Flight: A Trip to IFly



- Why do you think some people might like to skydive?
- How do you feel about body flying?

# Emotion and Body Flight

- When you are in the tunnel, the wind rushes up toward and supports you against gravity, and you don't fall. This is called terminal velocity. After you experience the experiment with the terminal velocity of the balls, guess your terminal velocity.
- How does it feel to have the wind hold you up? How close was your terminal velocity to your guess?
- How did your flying experience compare to your expectations?

*Use site resources, including lesson plans for teachers!*



# Reason

*“All our knowledge begins with the senses, proceeds then to the understanding, and ends with reason. There is nothing higher than reason.” -- Immanuel Kant*





# Reason: Inductive Reasoning

## Record of Rights at the National Archives



- I know “A”
- I know “B”
- I know “C”
- Therefore, I know “D”

# Reason: Record of Rights

You will visit the Record of Rights; carefully examine one of the three exhibits.

- Remembering the Ladies (Women's Rights)
- Bending Towards Justice (Civil Rights)
- Yearning to be Free (Immigration)

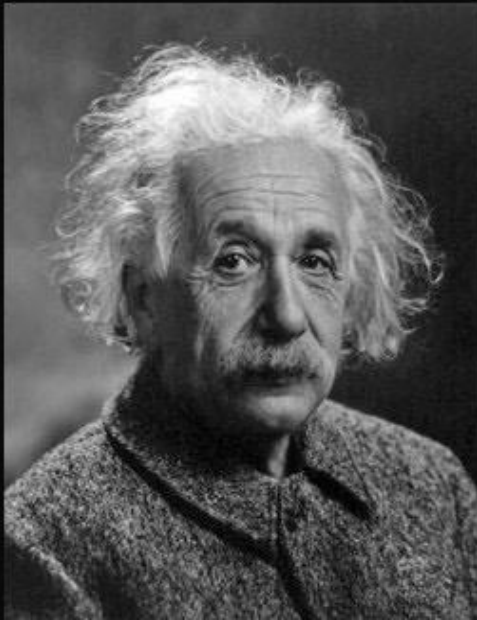
# Reason: Record of Rights

Based on the documents:

- What were the limits of the original Bill of Rights?
- Why did women, immigrants, and minority groups protest?
- To what extent are the rights of all Americans protected today?



# Imagination



I am enough of an artist to draw freely upon my imagination. Imagination is more important than knowledge. For knowledge is limited, whereas imagination embraces the entire world, stimulating progress, giving birth to evolution.

(Albert Einstein)



# Imagination: Role-Playing

## President's House, Philadelphia

**"You never really understand a person until you consider things from his point of view...until you climb in his skin and walk around in it."**

*To Kill a Mockingbird*

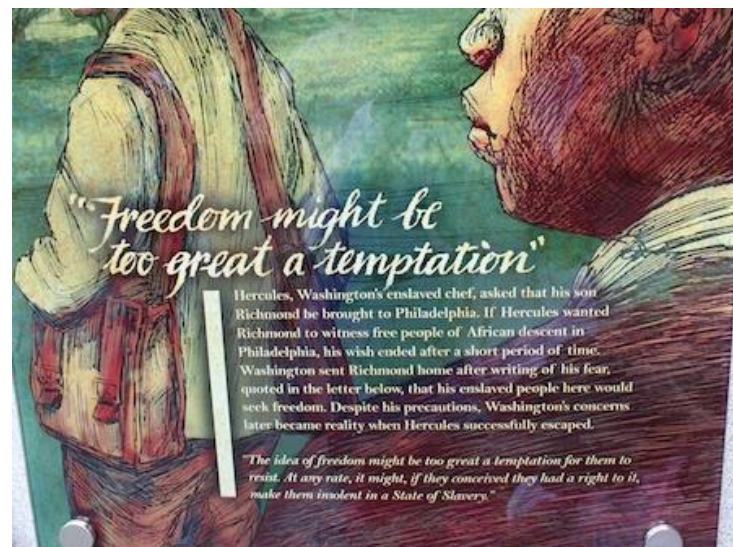


Share the story of George Washington and the escape of his slave cook, Hercules.

# The Presidents House

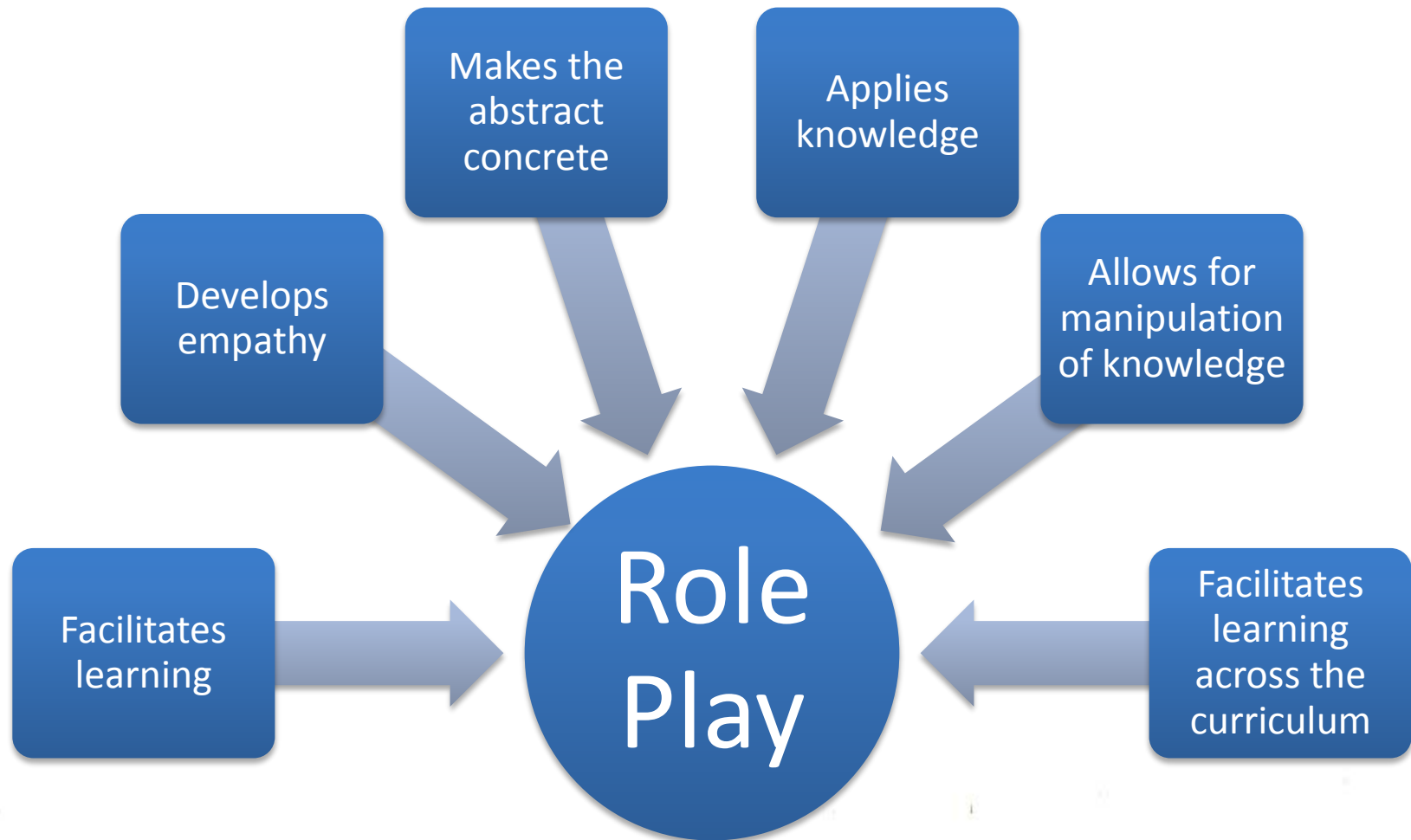
## Role-Play

Students take on the role of Hercules and George Washington.



- Hercules, why would you want to run away from the General when has been so good to you?
- General, how do you feel about Hercules' escape?
- Hercules, how did you expect the General to react?
- General, why would you put a bounty on Hercules if you plan on freeing your slaves?

# Imagination as a way of knowing



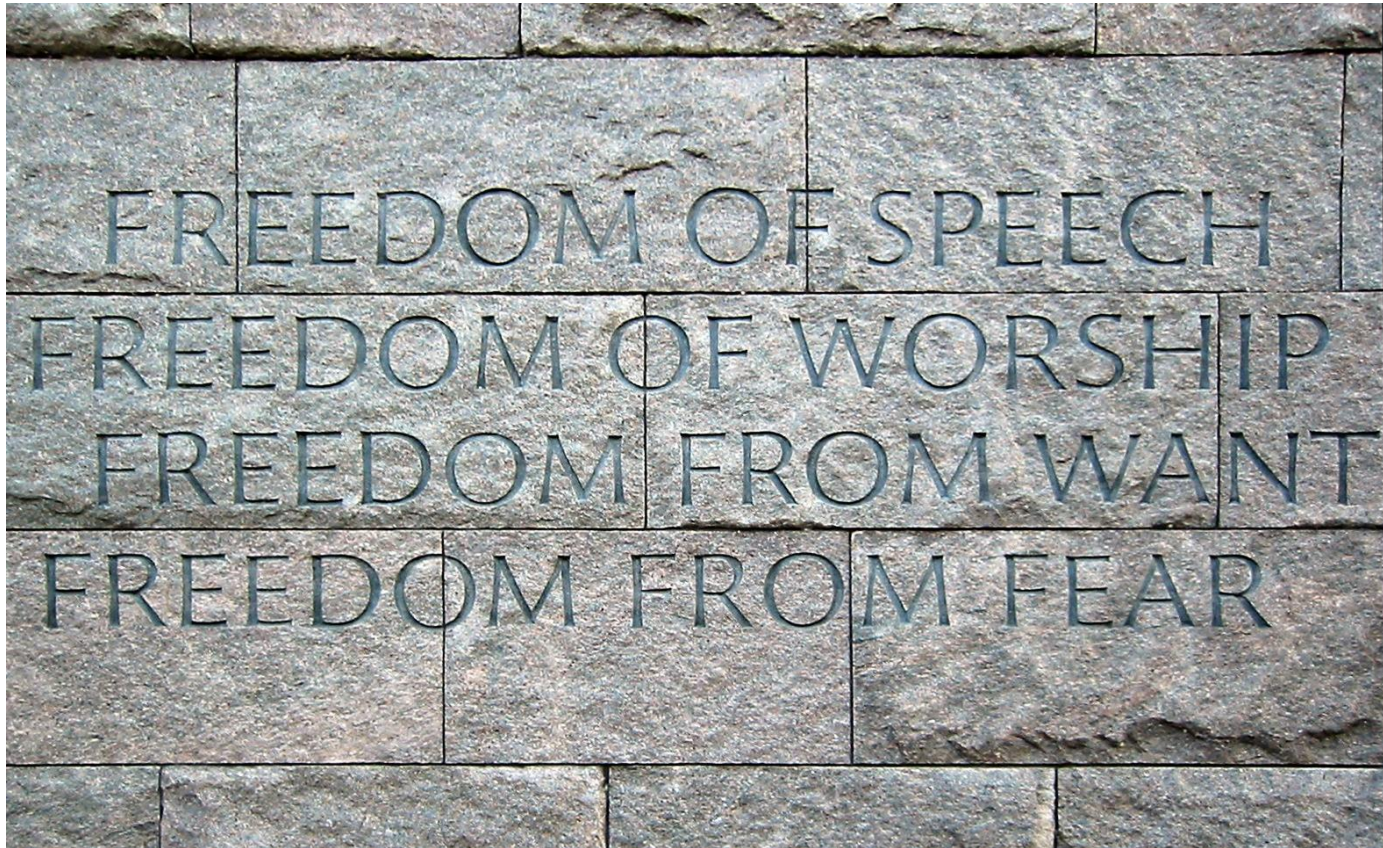
# Memory

*“Memory is the mother of all wisdom.” – Aeschylus*





# Memory: FDR Memorial



# Memory and the Four Freedoms

Think of a time in which you could not express your beliefs, a time when you felt it would not be safe to say what you wanted.



Have you ever felt discriminated because of your religious beliefs?

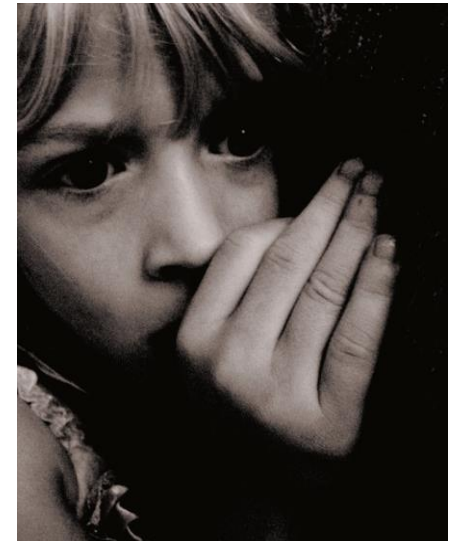


# Memory and the Four Freedoms



Can you share a difficult time for you, your family, or anyone that you might know? What is it like not to have?

Have you ever been afraid? Not of a scary movie, but of something real? Why do we have so much security screening?



# Memory: Knowledge & Values



Memory, that library of the soul  
from which I will draw knowledge  
and experience for the rest of my  
life.

— Tove Ditlevsen —

- Why do you think FDR believed these were the four most important freedoms?
- What do you think is the role of the government in protecting your speech and religion, for providing for your basic needs, and keeping you safe?

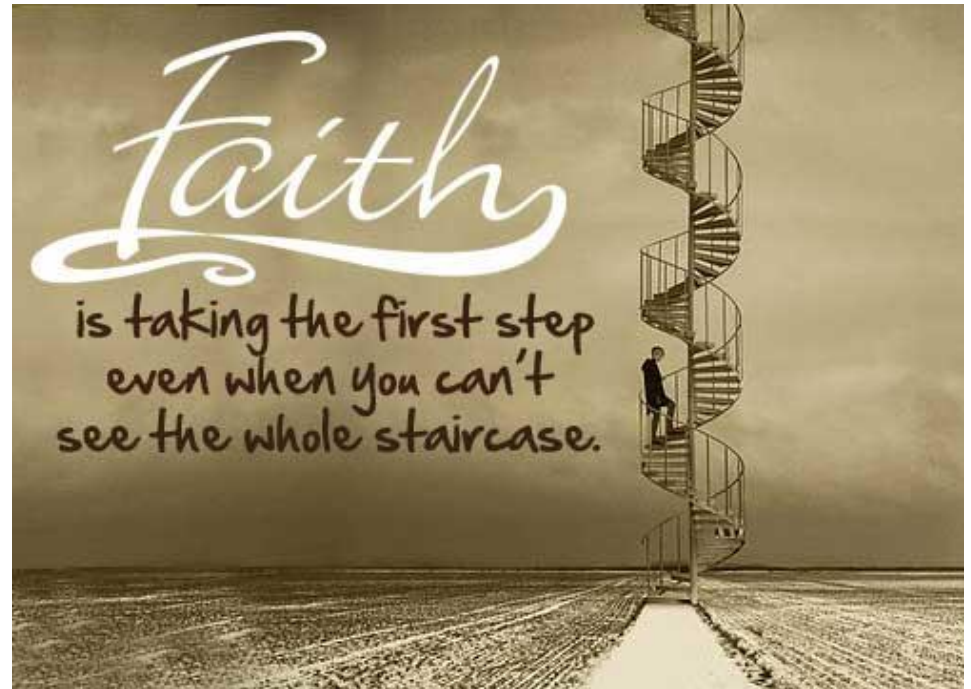


# Faith

*“Faith is knowledge within the heart, beyond the reach of proof.”*  
– Khalil Gibran

“The term ‘faith’ is most frequently used to refer specifically to religious faith, but can also be used in a secular sense as a synonym for **trust**. “

*(IB TOK Guide)*



Martin Luther King, Jr.

# Faith: Monument Valley



- One of six Navajo-owned tribal parks
- Home to up to 100 Navajo people
- Called Tsé Bii Ndzigaii, or “Clearing Among the Rock” by the Navajo.
- Regarded as an enormous *hogan*, or dwelling, with the two isolated stone pinnacles to the north as its door posts.
- The two soaring buttes known as the Mittens are believed to be the hands of a deity.

# Faith: Monument Valley

- What are some places that you believe are sacred?
- Why might it be a sacred place?
- Why might the Navajo believe Monument Valley is sacred?
- Why should we treat the land as sacred if we do not believe that it is?
- Many Westerns have been filmed in Monument Valley. How might the films influence the way we view the land?

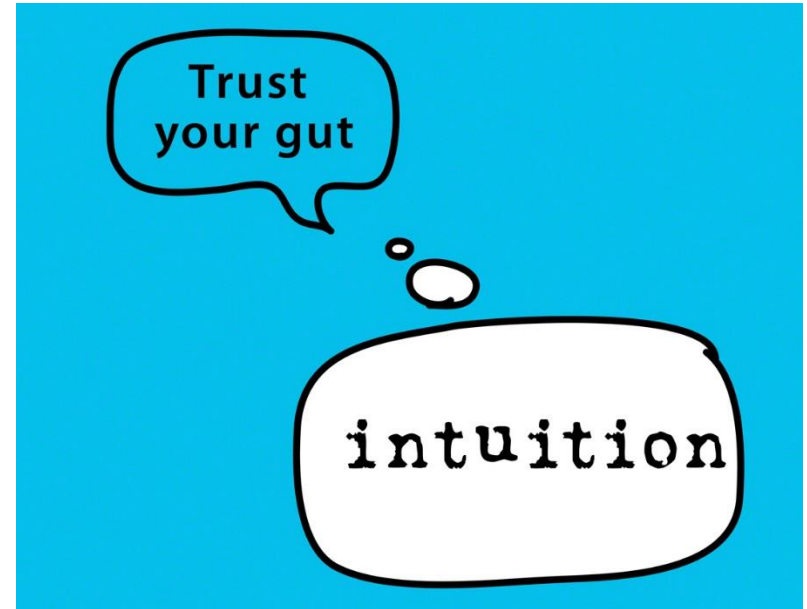




# Intuition

*“The boy was beginning to understand that intuition is really a sudden immersion of the soul into the universal current of life, where the histories of all people are connected, and we are able to know everything, because it's all written there.”*

— Paulo Coelho (*The Alchemist*)





# Intuition and Art

## Metropolitan Museum of Art



- Choose one room in the museum
- After a quick look, move to the piece of art in the room that most draws you in.

# Intuition and Art

## Metropolitan Museum of Art

- What drew you to the painting?
- Take a photograph of the painting.
- Write a TWEET (23 characters) describing the impact of the painting; hashtag intuition, room in museum, name of painting, artist, and your school.
- 15 minutes before the meetup time, look at Twitter using your school hashtag to find your peers' tweets. Choose one description that draws you in and go see it! Write your own tweet in response.



*Two Young Girls at the Piano*  
August Renoir



# Questions and Answers

How can we utilize  
the ways of knowing  
in developing tours  
or as suppliers?







# Thank you for your attention!

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*Transforming Student Travel: A Resource Guide for  
Educators*

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