

# **Inquiry-Based Learning**

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*Presented by Dari, Vicky & Miko*

# More Questions

- What do you already know about the photo?
- What do you predict led up to this moment?
- How are you affected by the youthfulness of the subject?
- What are you wondering about?







<http://www.doublestandards.org/kimphuc.html>



<http://warchildren.org/world.html>





<http://www.columbia.edu/cu/ccba/cear/issues/fall97/graphics/forum/jacobs/jacobs2.htm>

**So, what is  
the  
Inquiry Model?**



# **Inquiry Model**

- **Students**
- **Curriculum**
- **Educators**
- **Library Media Specialist**
- **Assessment**

# Students

- Heart of learning
- Learning is active and shared
- Hypothesis, Exploration, Reflection
- Independent / Interdependent
- Information finding vs Mental process

# Curriculum

- In depth pursuit of important ideas
- General framework and context
- Uncovered / Discovered

# Educator

*“It thus becomes the office of the educator to select those things within the range of existing experience that have the promise and potentiality of presenting new problems which by stimulating new ways of observation and judgment will expand the area of further experience.”*

John Dewey

# Educator

- Interact and mediate the environment
- Guide rather than provider of information
- Teach inquiry and literacy techniques
- Offer multiple resources
- Engage parents and community members

# Library Media Specialist

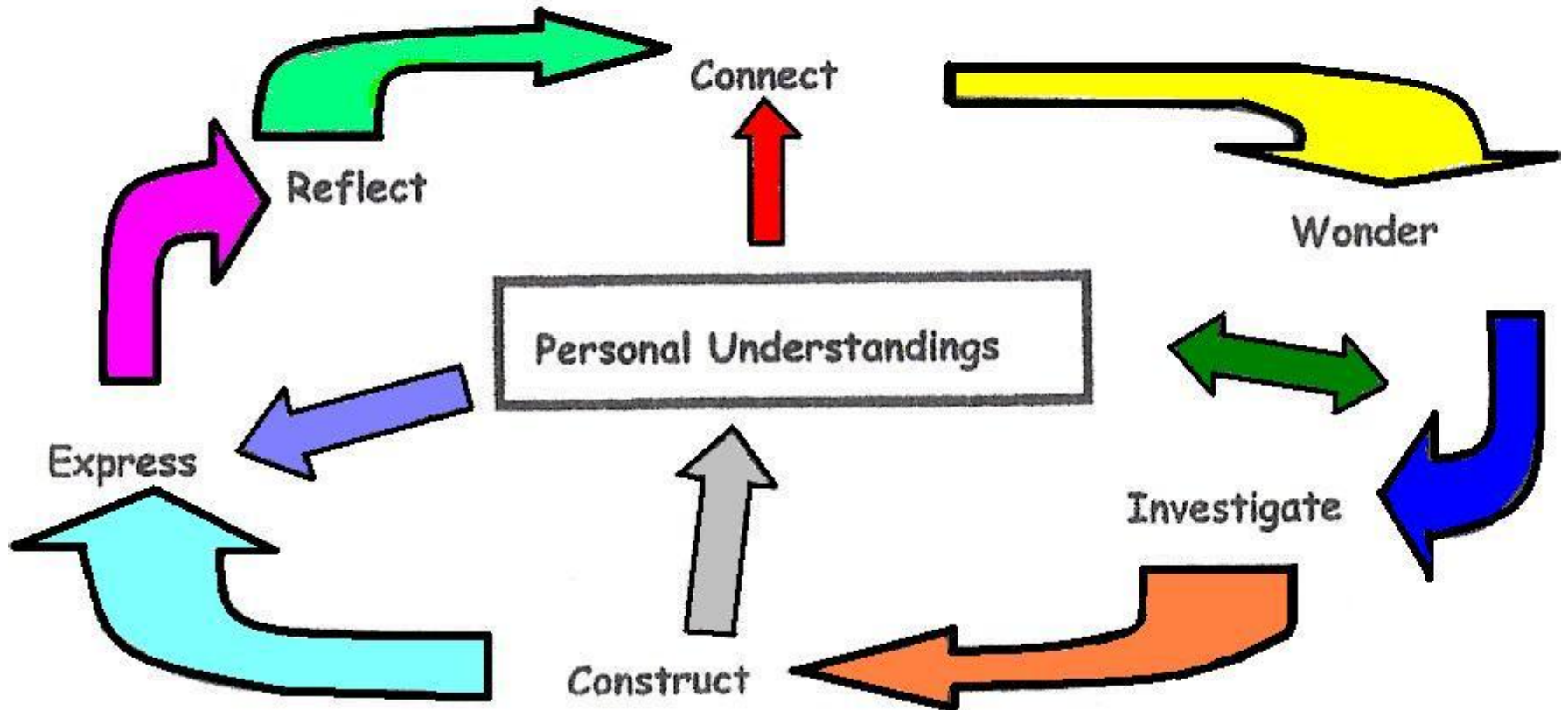
- Support change
- Design instruction
- Co-teach
- Collaborate with teachers
- Support teachers with professional resources and strategies

# Assessment

- On-going
- Students' work vs teacher generated tests
  - Prior knowledge
  - Assess growth in understanding
  - Make sense of information
  - Asking questions
  - Student understanding
  - Final product



# The Process of Inquiry



# Teaching Strategies

What teachers  
want to know...

# The Process of Inquiry

## Connect

- Connect to self, previous knowledge
- Gain background knowledge to set context for new learning
- Observe, experience

## Wonder

- Develop questions
- Make predictions, hypotheses

# The Process of Inquiry

## Investigate

- Find and evaluate information to answer questions, test hypotheses
- Think about the information to illuminate new questions and hypotheses

## Construct

- Construct new understandings connected to previous knowledge
- Draw conclusions about questions and hypotheses

# The Process of Inquiry

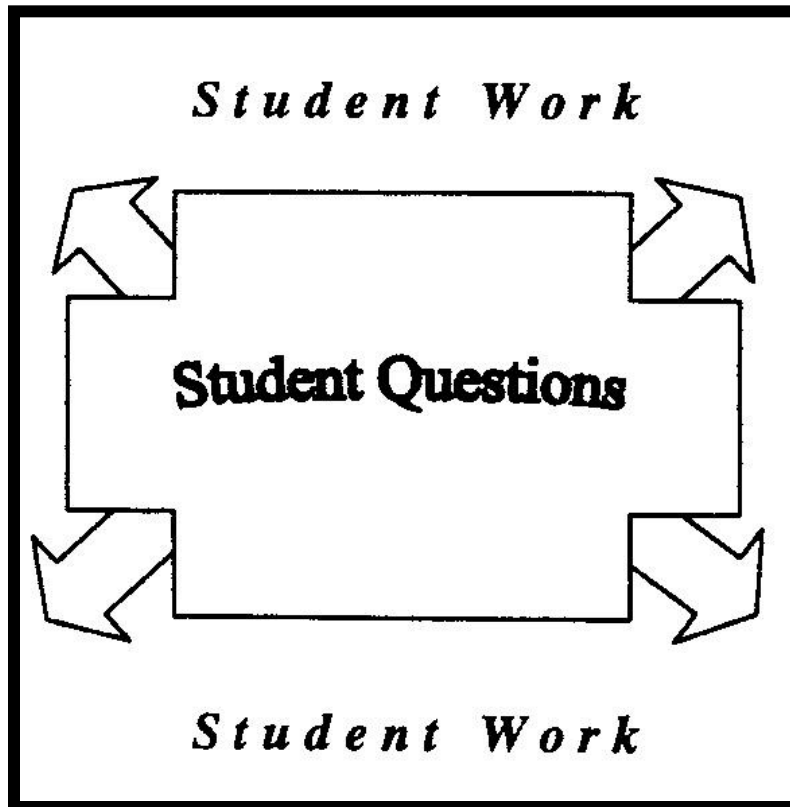
## Express

- Express new ideas to share learning with others
- Apply understandings to a new context, new situation

## Reflect

- Reflect on own process of learning and on new understandings gained from inquiry
- Ask new questions

# Inquiry



**“All  
students  
WILL  
learn.”**