

## **Developing a Culture of Thinking Workshop: Using Thinking Routines to Deepen Understanding**

Quaker Valley Middle School, January 17, 2015

National Gallery of Art Educational Resources

[www.nga.gov/teachers](http://www.nga.gov/teachers)

### **NGA Learning Resources**

Search for teaching packets, DVDs, CD-ROMs, posters, and curriculum materials available for free loan. Packets may include in-depth illustrated booklets, large color reproductions, and image CDs. Loan materials may be ordered online for delivery (borrowers pay only return postage). [learningresources.nga.gov](http://learningresources.nga.gov)

### **NGAkids Online**

Explore a collection of interactives based on works of art in the National Gallery's collection and in special exhibitions. In the Art Zone, play with a Dutch dollhouse, compose a still life, experiment with collage, and make interactive art online. [www.nga.gov/kids](http://www.nga.gov/kids)

### **NGAkids Art Zone for iPad App**

Download eight activities inspired by works in the Gallery's collection, as well as a sketchbook for freehand drawing and a personal exhibition space where users can save and display art they create with the program. The child-friendly interface emphasizes creativity, discovery, careful observation, and artistic self-expression. Available for free download on iTunes.

### **An Eye for Art: Focusing on Great Artists and Their Work**

Introduce children to more than 50 great artists and their work, with corresponding activities and explorations that inspire artistic development, focused looking, and creative writing. Grouped around seven general themes, the book highlights works from different time periods to encourage comparisons among them. Available online or for purchase. [www.nga.gov/eyeforart](http://www.nga.gov/eyeforart)

### **Art in the Classroom Posters**

Request or download full-size color prints for your classroom. Posters include activities that encourage careful looking, creative writing, and other curriculum connections. [www.nga.gov/classposter](http://www.nga.gov/classposter)

### **NGA Images**

Search a selection of 43,000 open-access, high-resolution, downloadable images from the National Gallery's collection. [images.nga.gov](http://images.nga.gov)

### **National Teacher Institute**

Held annually, this six-day summer program helps teachers strengthen their knowledge of art and history while they explore interdisciplinary teaching strategies. [www.nga.gov/teacherinstitute](http://www.nga.gov/teacherinstitute)

### **Subscribe to Free E-mail Newsletters**

Stay up-to-date with the National Gallery of Art by subscribing to free e-mail newsletters. [subscribe.nga.gov](http://subscribe.nga.gov)

## Project Zero Ideas

### **Articles, Books, and Blogs**

Ron Ritchhart, "Cultivating a Culture of Thinking in Museums," *Journal of Museum Education*, Vol. 32, Summer 2007 [www.ronritchhart.com/Papers\\_files/JME07\\_Ritchhart.pdf](http://www.ronritchhart.com/Papers_files/JME07_Ritchhart.pdf)

Ron Ritchhart, Patricia Palmer, Mark Church, and Shari Tishman, *Establishing Patterns of Thinking in the Classroom*, Paper prepared for the AERA conference, April 2006  
[www.ronritchhart.com/Papers\\_files/AERA06ThinkingRoutinesV3.pdf](http://www.ronritchhart.com/Papers_files/AERA06ThinkingRoutinesV3.pdf)

Ron Ritchhart, Mark Church, and Karin Morrison, *Making Thinking Visible: How to Promote Engagement, Understanding, and Independence for All Learners*, 2011

Ron Ritchhart and David Perkins, "Making Thinking Visible," *Educational Leadership*, February 2008, Vol. 65 (5), pp. 57-61 [www.ronritchhart.com/Papers\\_files/MTV\\_ritchhart\\_perkins.pdf](http://www.ronritchhart.com/Papers_files/MTV_ritchhart_perkins.pdf)

Shari Tishman, "Added Value: A Dispositional Perspective on Thinking," in A. Costa (Ed.), *Developing minds: A resource book for teaching thinking*, Association for Supervision and Curriculum Development, 2001, Vol. 3, pp. 72-75 [www.pzartfulthinking.org/content/thinkingDispositions/AddedValue\\_ST.pdf](http://www.pzartfulthinking.org/content/thinkingDispositions/AddedValue_ST.pdf)

Shari Tishman, "From Edification to Engagement: Learning Designs in Museums," *College Art Association News*, 2005, Vol. 30 (5), pp. 12-13, 41  
[sites.harvard.edu/fs/docs/icb.topic862568.files/Supplementary%20Readings/N\\_tishman2005pp12\\_13\\_41.pdf](http://sites.harvard.edu/fs/docs/icb.topic862568.files/Supplementary%20Readings/N_tishman2005pp12_13_41.pdf)

Shari Tishman, "The Object of Their Attention," *Education Leadership*, February 2008, 65 (5), pp. 44-46  
[www.ascd.org/publications/educational-leadership/feb08/vol65/num05/The-Object-of-Their-Attention.aspx](http://www.ascd.org/publications/educational-leadership/feb08/vol65/num05/The-Object-of-Their-Attention.aspx)

Shari Tishman, "Slow Looking and Complexity," Out of Eden Learn Blog, July 21, 2014  
[walktolearn.outofedenwalk.com/2014/07/21/slow-looking-and-complexity/](http://walktolearn.outofedenwalk.com/2014/07/21/slow-looking-and-complexity/)

Shari Tishman, "Why Teach Habits of Mind?" in A. Costa and B. Kallick (Eds.), *Discovering and Exploring Habits of Mind*, Association for Supervision and Curriculum Development, 2000, pp. 41-52  
[www.pzartfulthinking.org/content/thinkingDispositions/Whyteachhabits\\_ST.pdf](http://www.pzartfulthinking.org/content/thinkingDispositions/Whyteachhabits_ST.pdf)

Rochelle Ibañez Wolberg and Allison Goff, "Thinking Routines: Replicating Classroom Practices with Museum Settings," *Journal of Museum Education*, Spring 2012, Vol. 37 (1), pp. 59-68  
[www.pbday.org/assets/Museum-Partnership/Journal-of-Museum-Education.pdf](http://www.pbday.org/assets/Museum-Partnership/Journal-of-Museum-Education.pdf)

### **Additional Resources Online (www.pz.harvard.edu)**

PZ Thinking Routines video: [vimeo.com/108000553](http://vimeo.com/108000553)

Artful Thinking web site : [www.pzartfulthinking.org](http://www.pzartfulthinking.org)

Cultures of Thinking resources: [www.ronritchhart.com/COT\\_Resources.html](http://www.ronritchhart.com/COT_Resources.html)

Visible Thinking web site: [www.visiblethinkingpz.org](http://www.visiblethinkingpz.org)

Out of Eden Learn: [learn.outofedenwalk.com](http://learn.outofedenwalk.com)