



PROJECT ZERO

## ZERO **IN** NEWSLETTER

The latest resources, tools, courses, and more from Project Zero at the Harvard Graduate School of Education

After some time away, the *Zero In* newsletter is *back*, now on a monthly basis! Read on for the latest tools, conferences, courses, and more that our exceptional team has created for you—our exceptional community.

Kristin Livingston

Director, Communications and Strategy

Project Zero

### PROJECT SPOTLIGHT

[See all projects](#)

ARTIPLAY

*Led by Louisa Penfold and Steve Seidel*

What do nature construction and light sculptures have in common? ArtIPlay!

After 18 months of looking at the integration of modern and contemporary art practices into Boston Public Schools' early childhood curriculum, ArtIPlay has just released new curricula, instructional videos for teachers (like the one below), and downloadable activity guides for families, all available for free and online.



Get ArtIPlay's free tools



## THINKING ROUTINE SPOTLIGHT

[Access PZ's full Thinking Routine Toolbox](#)

### Connect, Extend, Challenge

*Help students connect new ideas to those they know*

Consider what you have just read, seen, or heard, and ask yourself:

- How are the ideas and information connected to what you already know? (Connect)
- What new ideas did you get that broadened your thinking or extended it in different directions? (Extend)
- What challenges or puzzles emerge for you? (Challenge)

Get the full thinking  
routine

*This thinking routine will appear in the upcoming Maker-Centered Learning course (below).*

## PROFESSIONAL DEVELOPMENT

[See all course offerings](#) | [Apply for a scholarship](#)



A One-Day Conference  
**Learning and Thinking  
That Make a Difference**

PZ Conference in Pittsburgh  
October 14, 8:30 a.m. to 3:30 p.m.  
MuseumLab at the Children's Museum

Join keynote speakers [Edward Clapp](#) and Julie Rains and fellow educators for a day of exploring all things learning and thinking to create a positive impact in our lives and the world. Conference themes include:

- How do we create the conditions for deep thinking and learning?
- How can we design for and with diverse learners and in diverse contexts?
- What does it mean to understand? How does understanding develop?

Register  
now

### Upcoming Courses



with Ron Ritchhart and Mark



with Julie Rains and Lisa Yokana

Church

Oct. 21 to Nov. 17

**Length:** 4 weeks

**Location:** Online

**Cost:** \$310 for members on teams of 3-6; \$395 for individuals

Building a culture of thinking in our classrooms and schools involves more than instituting a set of practices.

Learn about the 10 principles that help with successful culture building and develop initial action steps to create lasting change in your classroom or school culture.

Register  
now

Oct. 28 to Nov. 24

**Length:** 4 weeks

**Location:** Online

**Cost:** \$310 for members on teams of 3-6; \$395 for individuals

Spark student engagement and curiosity in any classroom with maker-centered learning strategies—no special tools or “maker spaces” needed! Learn a framework for designing hands-on, minds-on learning experiences that support student agency and a deep understanding of systems-thinking, whatever subject or age level you teach.

Register  
now

## RESEARCH NEWS

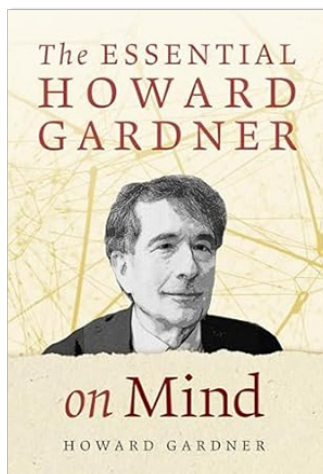


PZ's [Reimagining Early Childhood Education](#) team is gathering nominations for ECE sites to visit, field leaders to interview, and materials to review during a year-long global study. The more input we have from you, the more effective our project will be. Please share your suggestions in our online survey!



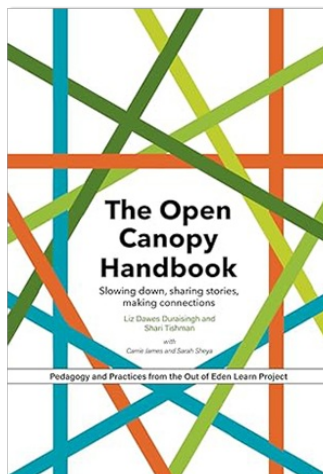
## BOOK NOOK

[See all books](#)



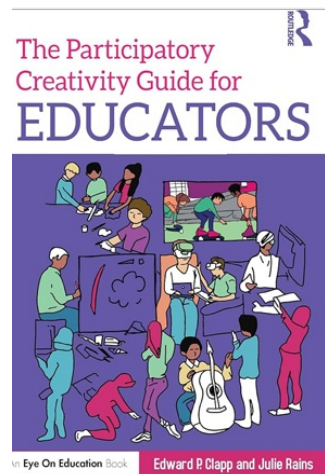
### The Essential Howard Gardner on Mind by [Howard Gardner](#)

For over half a century, this founding member of PZ has studied the mind in its various shapes, forms, and operations, culminating in his best-known work, the theory of multiple intelligences. This volume compiles his most compelling essays on the conduct, contours, and complexity of the human mind.  
[Read now](#)



### The Open Canopy Handbook: Slowing Down, Sharing Stories, Making Connections by [Liz Dawes Duraisingh](#) and [Shari Tishman](#)

What do students learn when they slow down? How might intercultural exchange advance their understanding of the past and history? Twelve years, countless walks, and 70,000+ student connections later, this PZ project shares its findings and lessons.  
[Read now](#)

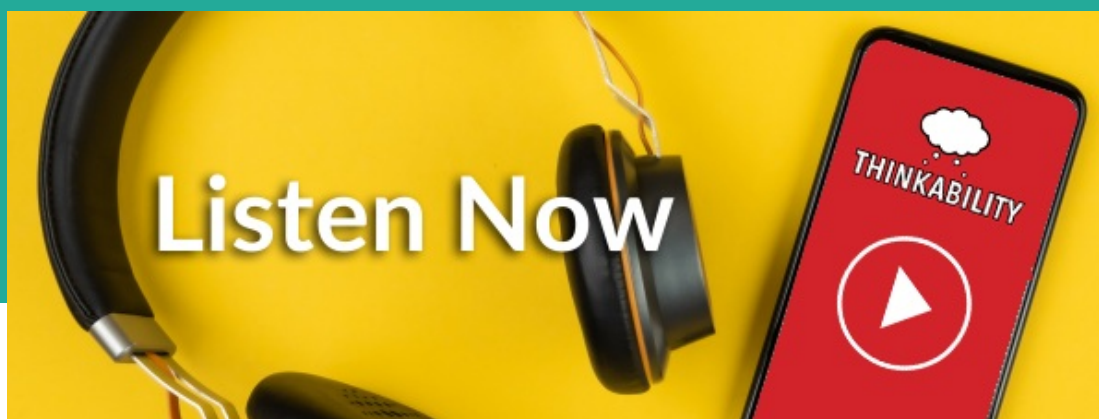


### The Participatory Creativity Guide for Educators by [Edward Clapp](#) and [Julie Rains](#)

It's time to debunk the theory that some people are creative, and others are not. Building on years of PZ research, this practical guide reframes creativity as a mode of experience that all young people and adults can participate in.  
[Read now](#)

[Hear from the authors at the PZ Conference!](#)

## ONE MORE THING...



*Hosted by [David Perkins](#) and [Shari Tishman](#)*

What are the connections between thinking and learning? Check out "Thinkability", a PZ podcast series that explores themes of curiosity, intuition, metacognition, and more. Now in season 3, tune into the latest episode "Thinking Twice". It's good advice and sounds straightforward, but a look inside reveals several different purposes and pathways. Why do we do it? When? And why should we care?

[Apple Podcasts](#)

[Spotify](#)

## SUPPORT PROJECT ZERO

From scholarships to research to course design, PZ depends on the generosity of donors to keep our global impact going. [Consider a gift today.](#)

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