

Cognitive Development through Creative Problem-solving: Celebrate the 150th Anniversary of Mondrian's Birth with Mondrian Blocks!

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Piet Mondrian's artistic journey from the Netherlands to New York City is a story of diverse creativities that combine the aesthetics of pure geometrical construction with the art of painting. To celebrate the 150th anniversary of Mondrian's birth, we introduce Mondrian Blocks, an award-winning puzzle and game, which connects the strict systematism of Mondrian's art with mathematical playfulness and discovery. In this presentation, the creative team of game designers share how they turned a mathematical challenge into an artistic game and the educational developers guide an exploration into the mathematical, cognitive, and educational dimensions of Mondrian Blocks. Finally, we introduce our further cognitive games, such as the globally popular Smart Egg. We also provide a sneak peek at prototypes of some of the team's newest ideas of intriguingly brainy games that represent a wide range of puzzling play and open new horizons in cognitive development in the schools and beyond.