

Celebration of Mind, 2022

honoring Martin Gardner's birthday, October 21

Links to many wonderful videos on recreational mathematics, mimes, magic, puzzles, word games, origami, stories, and more, collected by the Gathering4Gardner Foundation.

<https://www.gathering4gardner.org/com-videos/>

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David Cohen - SCRABBLEGRAMS: A Delightful Combination of Wordplay, Puzzles, & Poetry - CoM Aug 2022

What is a Scrabblegram?

A Scrabblegram is a message that uses each of the tiles from a game of Scrabble exactly once.

Letter	of tiles	Letter	of tiles
A	9	O	8
B	2	P	2
C	2	Q	1
D	4	R	6
E	12	S	4
F	2	T	6
G	3	U	4
H	2	V	2
I	9	W	2
J	1	X	1
K	1	Y	2
L	4	Z	1
M	2	Blanks	2
N	6		

Watch on YouTube

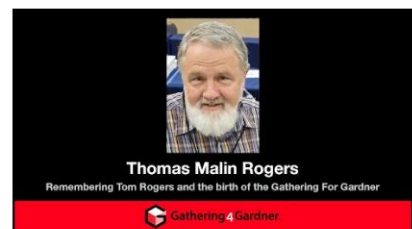
Gathering4Gardner.



David Cohen - SCRABBLEGRAMS: A Delightful Combination of Wordplay, Puzzles, & Poetry - CoM Aug 2022



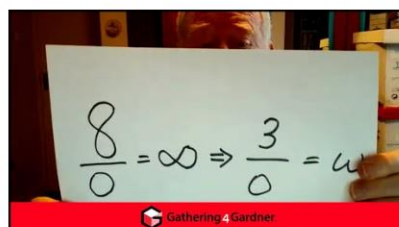
Jessica Sklar - Mathematical Art Inspirations, Instantiations, and Installations - CoM Feb 2022



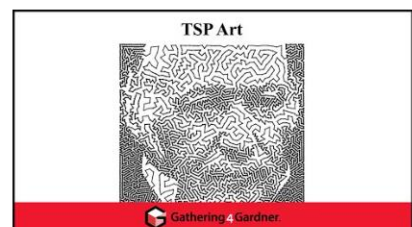
Mark Setteducati - Remembering Tom Rodgers and the birth of the Gathering for Gardner - CoM Apr 2022



Adam Atkinson - Playing Almost the Same Word Game in Multiple Languages - CoM Jan 2022



Des MacHale - The Humour Of Mathematics - CoM Mar 2022



Bob Bosch - Connecting the Dots - CoM Dec 2021



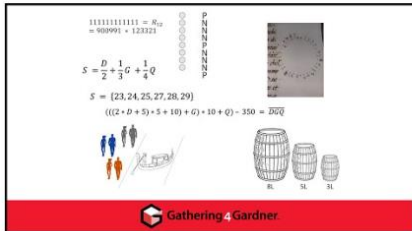
Matt Baker - Mathemagical Themas - CoM Oct 2021



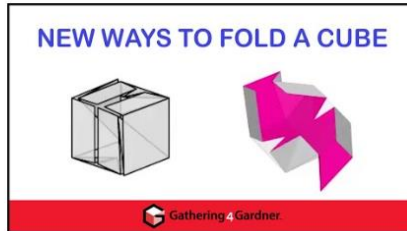
Jenny Quinn - Always Look on the Sunnyside of Math - CoM Oct 2021



Daina Taimina - Travelling with a Mathematician - CoM Oct 2021



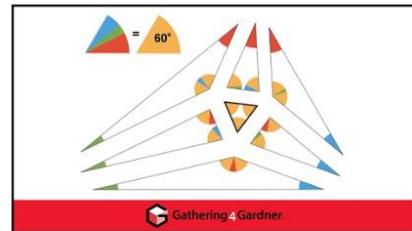
Tiago Hirth - On the Power of Numbers - A Study Guide - CoM Oct 2021



Erik Demaine - New Ways to Fold A Cube from Paper - CoM Oct 2021



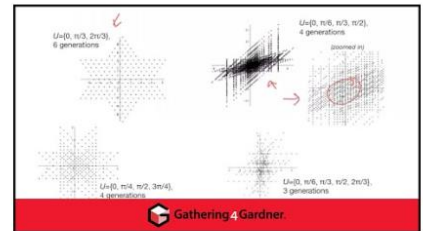
Rachel Quinlan - Paper for Wallpaper - CoM Oct 2021



Burkard Polster - Animating Conway - CoM Oct 2021



Alexandre Muñoz - How to Roll Two Dice - CoM Oct 2021



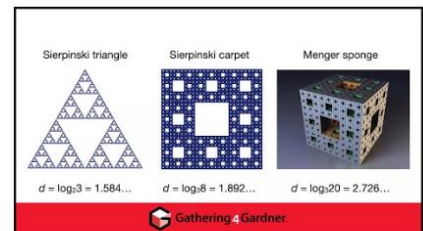
Adriana Salerno - Higher Dimensional Origami Constructions - CoM Oct 2021



George Miller & Roxanne Miller - Building a Puzzle Museum - CoM Oct 2021



Glen Whitney - Convex Pentagon Tilings - CoM Oct 2021



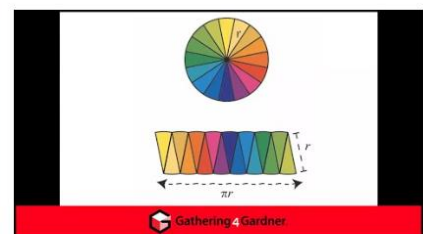
Dave Richeson - A Romance of Many (and Fractional) Dimensions - CoM Oct 2021



Cindy Lawrence - Playing with Math: Squares and Cubes - CoM Aug 2021



Bob Hearn - How Martin Gardner Inspired an Area of Theoretical Computer Science - CoM Oct 2021



Steve Strogatz - Writing about Math for the New York Times - CoM Oct 2021



Paula Apsell - The Art of Science Communication - CoM Oct 2021



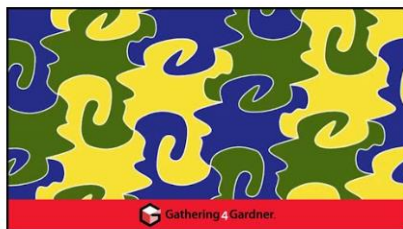
Moon Duchin - Graphs, Geometry and Gerrymandering - CoM Oct 2021



Karl Schaffer - Kinesthetic Conundrums - CoM Sept 2021



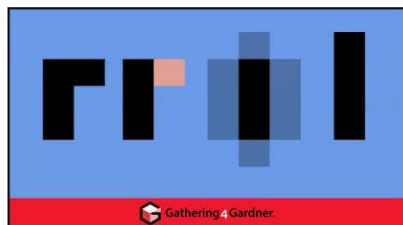
Tamara Munzner - Geometry Center Videos, Revisited - CoM Oct 2021



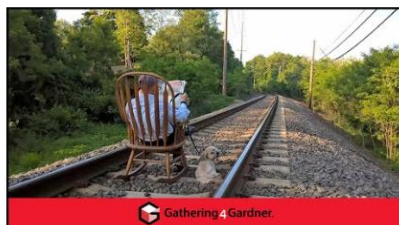
Doris Schattschneider - Two Conway Geometric Gems - CoM Oct 2021



Amina Buhler - The Magic of Polytopes-Mandalas - CoM July 2021



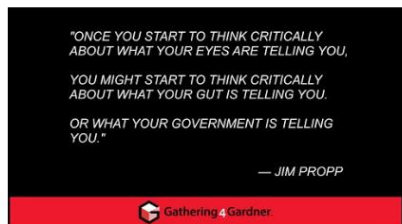
Érika Roldán - Shuffling Polyominoes - CoM June 2021



Robert Crease - Flood Control: The Pandemic and Science Denial - CoM Oct 2020



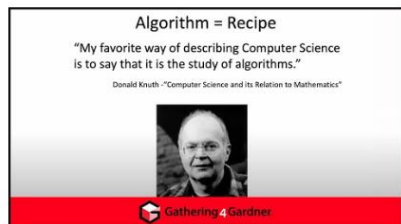
Jeanette Skakalli - Toothpick Puzzles - CoM Oct 2020



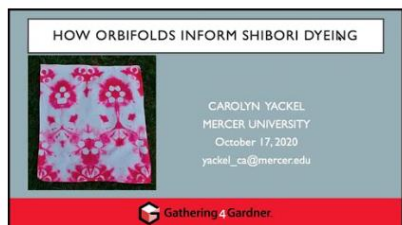
Jim Propp - Believe It, Then Don't - CoM Oct 2020



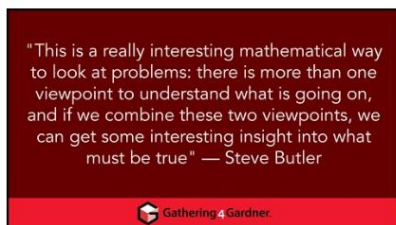
Ann Schwartz - Down the Rabbit Hole with Flexagons - CoM Oct 2020



Dana Richards - Algorithmic Puzzles and Martin Gardner - CoM Oct 2020



Carolyn Yackel - How Orbifolds Inform Shibori Dyeing - CoM Oct 2020



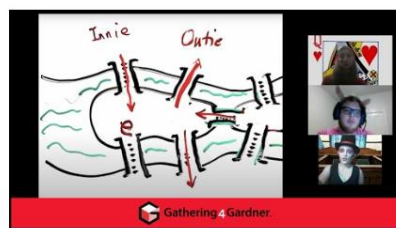
Steve Butler - Math and Juggling - CoM Oct 2020



Ken Knowlton Interview - CoM Nov 2020



George Hart - Little Zonohedral Library - CoM Oct 2020



Evans Harrell with Mathematics in Motion - Math Court - Alice in Königsberg - CoM Oct 2020



Delicia Kamins - Philosophy of Fractals - CoM Oct 2020



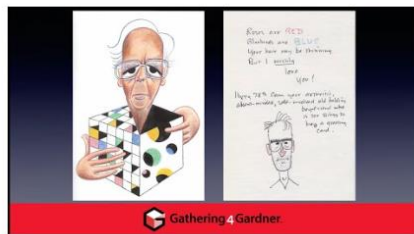
Diana Davis - Cut and Fold a Spinner - CoM Oct 2020



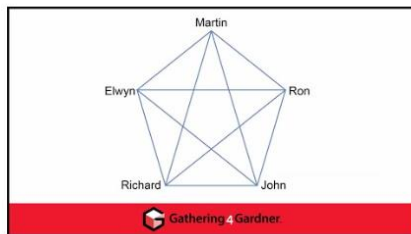
Eddy and Lyn Goldfarb - Eddy's World - CoM Oct 2020



Scott Kim - Musical Illusions - CoM Oct 2020



James Gardner - The Whimsical and Serious Sides of Martin Gardner - CoM Oct 2020



Ezra (Bud) Brown - Puzzles & Wonders from Elwyn, Richard, John, Ron, and Martin - CoM Oct 2020



Joe M. Turner - Dice Dice Baby! - CoM Oct 2020



Yossi Elran - All you need is paper! - CoM Oct 2020



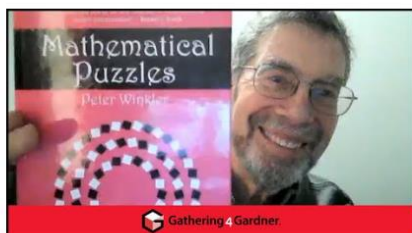
Nathaniel Segal - Performing Magic on the Virtual Stage - CoM Dec 2020



Susan Goldstine - Maps of Strange Worlds: Beyond the Four-Color Theorem - CoM Jan 2021



Steve Trettel - Visiting the Thurston Geometries: Computer Graphics in Curved Space - CoM Feb 2021



Peter Winkler - Drawing from Urns - CoM Apr 2021



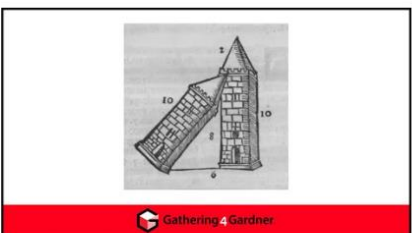
Catriona Agg - Generating Geometric Puzzles - CoM Apr 2021



Mark Setteducati - The Magic of Inventing - CoM Apr 2021



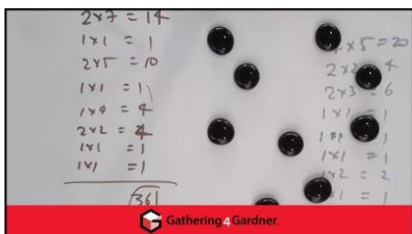
Tanya and Tim Chartier - Mime-matics - CoM Apr 2021



Jorge Nuno Silva - Tratado da Pratica D'Arismetica (1519) by Gaspar Nycolas - CoM Apr 2021



Bronna Butler - Math Glass - CoM Apr 2021



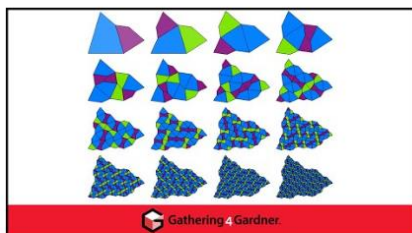
James Tanton - Pile Splitting - CoM Apr 2021



Kate Jones - A Periodic Table of Polyform Puzzles - CoM Mar 2021



Alissa S. Crans - Twisty Mazes - CoM Apr 2021



Ed Pegg - New Substitution Tilings - CoM Apr 2021



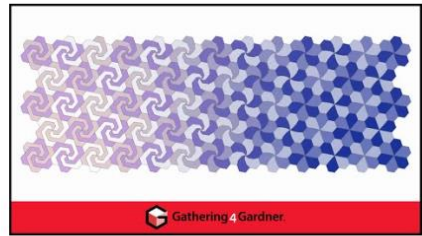
Katie Steckles - Puzzles with Bridges - CoM Apr 2021



Ellie Baker - Crafts, Math, and the Joy of Turning Things Inside Out - CoM Apr 2021



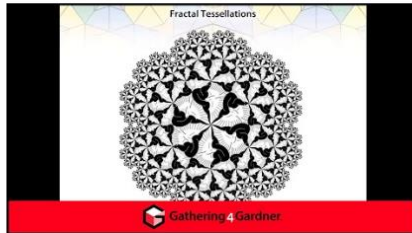
Laura Taalman - 3D printed Hinged Dissections and Foldable Polyhedra - CoM Apr 2021



Craig Kaplan - Parquet Deformations: the tiles, they are a-changin' - CoM Apr 2021



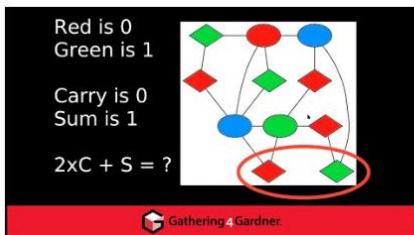
Jeremiah Farrell - Puzzles and Games for the Blind - CoM Apr 2021



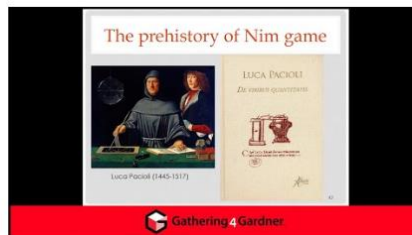
Robert Fathauer - Tessellations: Mathematics, Art, and Recreation - CoM Apr 2021



Debbie Leifer - MathMagical Mysteries - CoM Apr 2021



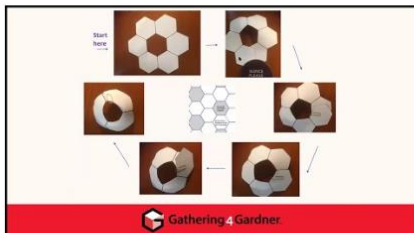
Colin Wright - Colours Can Compute - CoM Apr 2021



Lisa Rougetet - The Role of Mathematical Recreations in the 17th and 19th Centuries - CoM Apr 2021



Frank Morgan - Optimal Pentagonal Tilings - CoM May 2021



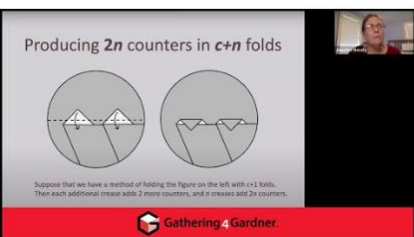
Marjorie Wikler Senechal - Unwrapping a Gem - CoM Apr 2021



John Ralling - Magic of Movable Books: History of Pop-up Books & Paper Engineering - CoM Apr 2021



2021 Auction Fundraiser - Zoom Preview



Jeannine Mosely - Counter Productivity in Minimalist Origami - CoM Oct 2020



2020 Auction Fundraiser - Zoom Preview



CoM 2014 - "The Magic Square" - Lennart Green 03 22 14



Yossi Elran - G4G's Celebration of Mind - G4G13 Apr 2018



Celebration of Mind 2014



National Museum Of Mathematics - Celebration of Mind

Selected Interviews



Sydney Weaver - Interview - G4G13 Apr 2018

<https://www.gathering4gardner.org/g4g13-videos/>

April 2018 (9/10) – Sydney Weaver, professional speed cuber

<https://youtu.be/Xgge7tqntkc>



<https://www.gathering4gardner.org/g4g14-videos/>

March 2022 – Sydney Weaver, “Parity in Twisty Puzzles”

https://youtu.be/8s3g_2SpN20



<https://www.gathering4gardner.org/g4g12-videos/> 2016

(7/8) – Kate Jones, “Twelveness, a Fibonacci verse”

<https://youtu.be/52-qUoe48cs>

https://www.youtube.com/watch?v=6at_OD7NJ34 – 2022



Celebration of Mind 2022

honoring Martin Gardner

October 22-23, 2022,

at Ye Olde Gamery

Maryland Renaissance Festival



Martin Gardner was one of the most beloved personalities in the areas of recreational mathematics, magic, and puzzles. The influence of his work is immeasurable.

He was the author of more than 65 books and countless articles, ranging over the fields of science, mathematics, philosophy, literature, and conjuring. His best-selling book was *The Annotated Alice*, an analysis of Lewis Carroll's *Alice in Wonderland*, followed by a sequel, *More Annotated Alice*. He wrote two novels—*The Flight of Peter Fromm* and *Visitors from Oz*. His *Scientific American* columns are collected in fifteen volumes. *No-Sided Professors* is a collection of his short fiction.

Martin inspired and enlightened three generations of readers with the delights of mathematical recreations, the amazing phenomena of numbers, magic, and puzzles, the play of ideas. It was Martin's article on pentominoes in 1957 that popularized this set of shapes and led, through an amazing series of events, to the founding of Kadon Enterprises, Inc. We hold him and his life's work in a very special place of reverence.

We were honored when Martin offered us the opportunity to design and produce the two games he had created—*The Game of Solomon* and *Lewis Carroll's Chess Wordgame*, the latter based on a note in Lewis Carroll's diaries.

Martin Gardner was born October 21, 1914, in Tulsa, Oklahoma, the son of a geologist and oil producer. He graduated at the University of Chicago in 1936 with a major in philosophy. He lived and wrote for many years in New York. He and his wife, Charlotte, eventually moved to the western mountains of North Carolina, where Kate had the honor and pleasure of

visiting them. Martin returned to Norman, Oklahoma, in 2004, his 90th year. He continued to write until his death on May 22, 2010, at the age of 95. There is an excellent entry about Martin on the Wikiverse website, part of Wikipedia.

A biennial celebration of Martin Gardner's life and work has been held in Atlanta, Georgia, since 1994, founded by Tom Rodgers, a businessman and puzzle collector. Martin himself attended the first gathering. Since then, the Gathering for Gardner (G4G) continues to be an invitation-only get-together for mathematicians, magicians, and puzzlers who enjoy sharing their work and play inspired by Martin's writings.

Tom Rodgers, before his untimely death, established the Gathering for Gardner Foundation (<http://gathering4gardner.org/about/>) as a central organization for continuing these biennial events and for the annual Celebration of Mind (<http://celebrationofmind.org/celebration-of-mind/>) birthday tributes for Martin held annually around October 21 in dozens of countries. Martin's memory and inspiration live on.

We continue to commemorate his life and his achievements with annual Celebration of Mind themes of our own at Ye Olde Gamery, our pavilion at the Maryland Renaissance Festival. The Festival runs for nine weekends, and its final weekend is on or around Martin's birthday. Our theme for 2022 is the sharing of links to many videos from the Gathering4Gardner Foundation's collection of presentations and interviews in honor of Martin Gardner and extending his legacy of all these subjects.

For more information about our connection with Martin Gardner, see:

www.gamepuzzles.com/kadon.htm#g4g
www.gamepuzzles.com/kadon.htm#gcom
www.gamepuzzles.com/martin.htm
www.gamepuzzles.com/histfun.htm#GS
www.gamepuzzles.com/histfun.htm#LC

