

MY MATHEMATICAL PROGRESSION: SEQUENCES & SERIES

An LKL Maths-Art seminar by
Louise Mabbs

Tuesday 9 September, 6.00–7.30pm
London Knowledge Lab, WC1N 3QS

Louise Mabbs is one of the UK's leading textile artists and teachers. Over many years she has developed the use of mathematical colour sequences in her designs, with a particular interest in the Fibonacci sequence, and she will describe the evolution of those ideas. Computer software is used in the design process to explore potential colour sequences. In recent years her work has gone much more into sculptural, three-dimensional forms, involving ideas from origami (see her book, *The Quilter's Guide To Twists & Tucks*, 2006), and mathematical ideas of knots and links, such as the Borromean Rings and Celtic knots.



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All welcome. No registration or ticket required, but an email to lkl.maths.art@gmail.com is appreciated to assist with planning.

LKL Maths-Art seminar series

Website and archive: www.lkl.ac.uk/events/maths-art

This seminar is part of a regular series of maths-art seminars held at the London Knowledge Lab, usually on the second Tuesday of each month during term times. To receive email announcements about events, subscribe to the mailing list at www.dcs.bbk.ac.uk/mailman/listinfo/lkl-maths-art.

We propose these seminars as explorations of the connections between "mathematics" and "art", where both terms are understood broadly: art implies visual art (painting, drawing, sculpture, computer graphics, video), architecture, music, textile art, literature/poetry (and others), and mathematics implies both mathematics as a discipline and the related disciplines in science and engineering for which mathematics is an essential means of expression and communication.

Next seminars: October 14: Raymond Brownell *Of Mind and Eye: Combinations on Canvas*, November 4: Special joint meeting with the Computer Arts Society, *RULES: algorithms / structures / intuition*, December 9: Dan Piker.

Seminars are normally video-recorded for viewing on the website. The seminar organisers are John Sharp and Phillip Kent. We welcome your suggestions about speakers or topics for future seminars; email us at lkl.maths.art@gmail.com.

Getting to the London Knowledge Lab

Nearest tube stations are: Holborn (Central, Piccadilly lines), Russell Square (Piccadilly line). Approximately 10-15 minutes walk from either station.

