



FOCUS ON MATHEMATICS

Online Course

Fibonacci Mini Course



Overview

The Fibonacci Mini Course is a three-week online course with two objectives:

- Introducing the mathematical properties, history, and real-world occurrences of the Fibonacci Sequence
- Serving as an introduction to online courses

The following is an outline of the mathematical content of the course:

- Sequences and subscripts
- Definition of the Fibonacci Sequence
- Warm-up exercises
- History
- Fibonacci Sequences in the Real World
- Pisa Nim, a two-person game
- Vertical Alignment of the Fibonacci Sequence in the school curriculum
- Problems to work on

PARTICIPATION INFORMATION

This course is a demonstration of online courses, and can be viewed at <http://faculty.uml.edu/klevasseiur/fomonline/>

If any difficulties are encountered while accessing this course, please contact Ken Levasseur at 978-934-2414 or Kenneth_Levasseur@uml.edu

This course is developed through UMass Online using WebCT. For general information or to log in once you are registered, visit <http://lowell.umassonline.net/>

PROFESSIONAL DEVELOPMENT

Focus on Mathematics offers a range of professional development opportunities for teachers in partner districts, such as summer institutes, study groups, online courses, seminars, and colloquia. Please visit our website for information about these activities. Selected events will be offered to teachers outside *FoM* as space is available.

INSTRUCTOR

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