

PROMINENT EFFORTS TO REDESIGN DEVELOPMENTAL MATHEMATICS

“Part II – the New Life Project”

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What to watch for ...

- What is the New Life model?
- Okay, so what does it REALLY look like?
- Where did this come from?
- How is “New Life” different from the “Pathways” (Statway™ and Quantway™)?

The New Life Model

- ◎ The Mission of Developmental Mathematics in Community Colleges
- ◎ Prepare students ...
 1. For further mathematics courses
 2. For other courses requiring mathematical foundations
 3. For academic success in general

Building the New Life Model

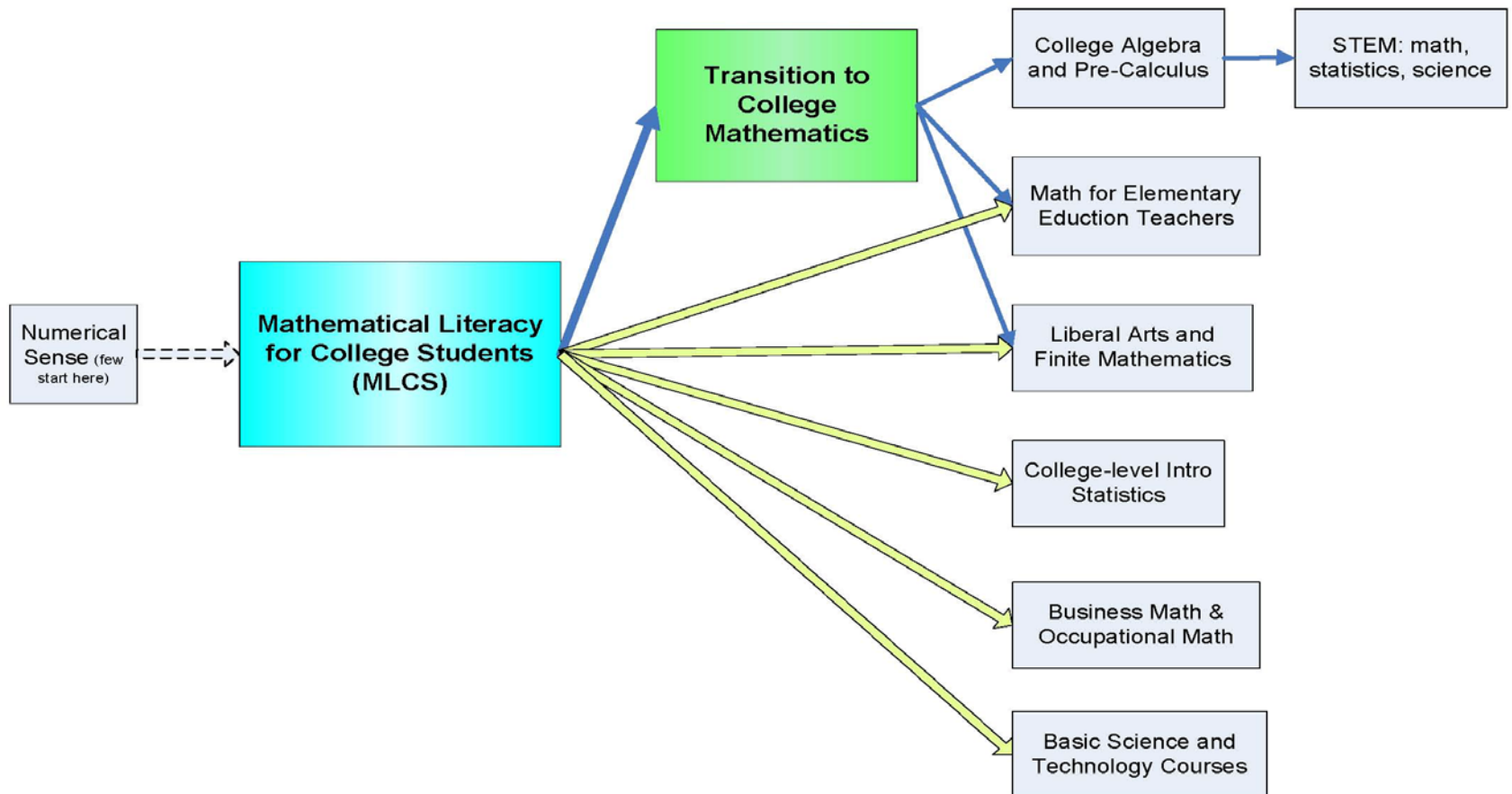
- ⦿ What mathematical outcomes address the mission statement (all 3 goals)?
- ⦿ Include some “good stuff” in the first course
- ⦿ Provide “what every student needs” in the first course
- ⦿ Ignore traditional curriculum – it has little to do with current needs

The New Life Model

- ◎ **Mathematical Literacy for College Students**
 1. At the level of beginning algebra
 2. Numeracy, Proportional reasoning, algebraic reasoning, and functions
- ◎ **Transitions**
 1. At the level of intermediate algebra
 2. Taken by those who need college algebra, pre-calculus or courses of similar rigor

What does it really look like?

New Vision of Mathematics Pathways: Fewer non-credit math courses for most students



"Courses", as used here, is a generic container that includes all formats of instruction (semester courses, modules, workshops, etc)

Where did this come from?

- The New Life Project started with the Developmental Mathematics Committee of AMATYC (American Mathematical Association of Two-Year Colleges) in 2009
- Other professionals engaged
- Used results of other professional activities
- Work coordinated with others – including the Pathways work

How is New Life different from “Pathways”

- The content is very, very similar
- New Life is a ‘grass-roots’ effort
- Online community, local action
- Flexibility of instructional materials
- New Life model can lead to total replacement of existing developmental math curriculum

Side-by-Side

New Life Project	Pathways (Statway™ and Quantway™)
General curricular model	Pathways for specific groups of students
Implemented side-by-side or replacement	Implemented side-by-side
Instructional materials not centralized	Instructional materials centralized
Community of professionals engaged at varying levels of cooperation	Intensive engagement of community of professionals
MLCS	MLCS

For more Information on New Life

- dm-live.wikispaces.com
Online community; open to all
- www.devmathrevival.net
Jack's Blog dealing with issues related to New Life
- Handout of references