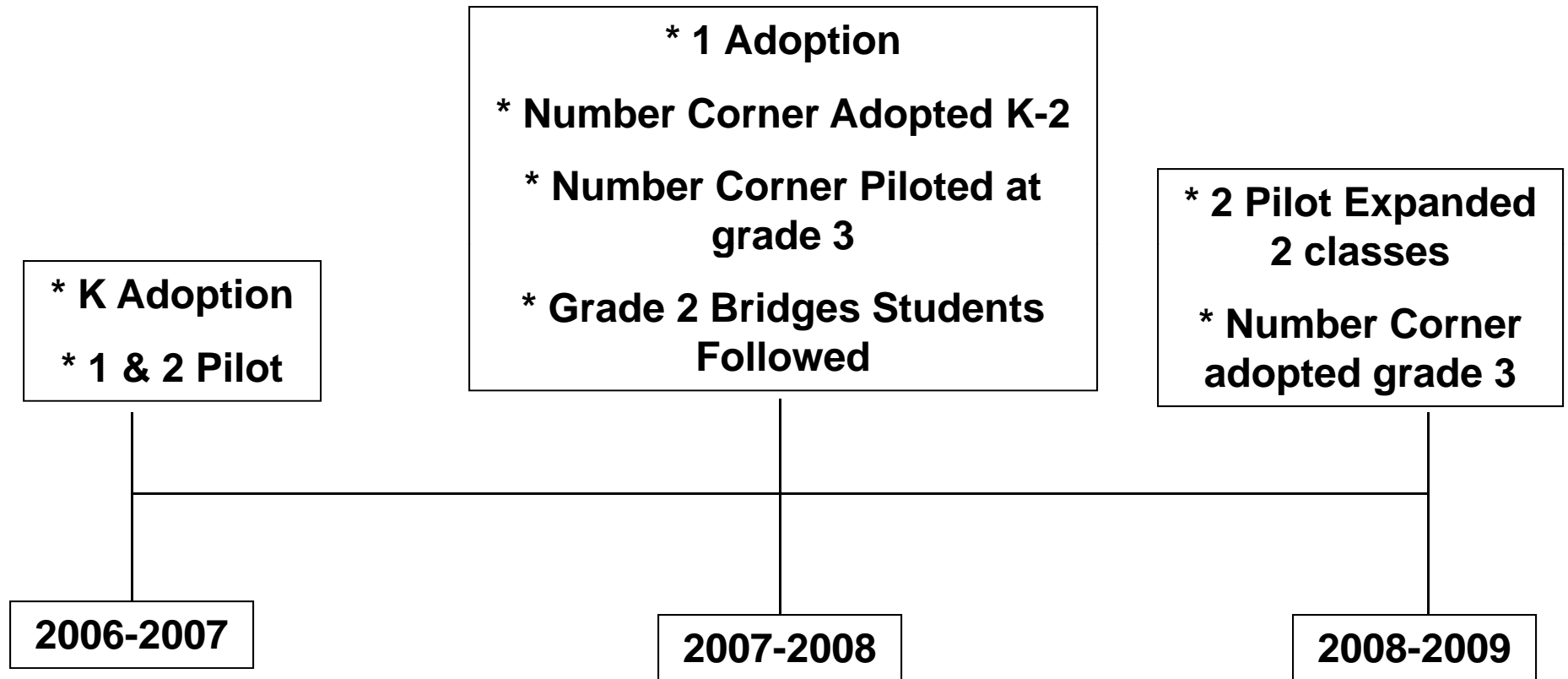

Bridges Math at Grade 2



April 2009

Bridges at Davis School - Timeline



Bridges Program - Background

- Developed by Math Learning Company
 - Math Learning Company (30 years)
 - K-2 program (10 years)
 - Funded by National Science Foundation
 - Used Nationally and Internationally
 - Provides Online Resources
 - Parent Support
 - Supplements
-

Bridges Components- Number Corner

The image shows a classroom display titled "Bridges Components- Number Corner". It features two large blue bulletin boards. The left board is titled "How many days have passed this month?" and displays a calendar for April. The right board is titled "How many days have we been in school?" and displays a grid of numbers from 101 to 139. A young boy in a white shirt stands next to the right board.

Bridges – Workplaces



Program Areas Addressed By Pilot

- Content
- Organization & Structure
- Student Experiences
- Teacher's Role
- Assessment

* Overall Rating 9 out of 10

Benefits of Bridges

■ Content

- ❑ Aligns with State & National Standards
 - ❑ Emphasizes Number Sense
 - ❑ Promotes Higher-Level Reasoning
 - ❑ Integrates Concepts & Skills
 - ❑ Builds Mathematical Fluency
 - ❑ Provides Multiple Entry Points
-

Benefits of Bridges

■ Approach

Bridges Is...

- ❑ Multi-sensory
 - ❑ Developmentally Appropriate
 - ❑ Hands On
 - ❑ Motivating
 - ❑ Able to Accommodate a Range of Students
 - ❑ Slower Spiral
-

Research Supporting Bridges

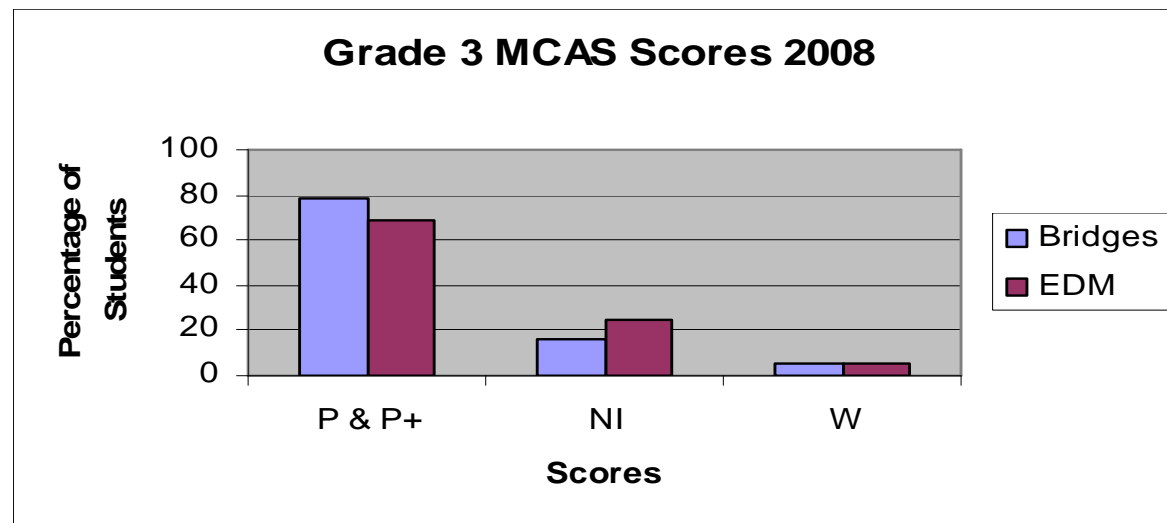
- NCTM Focal Points (2006)
 - National Math Advisory Panel (2008)
 - Slower Spiral
 - Coherent Progression
 - Proficiency
 - Number Sense
 - Problem Solving
 - Sufficient Practice
 - Balance Teacher Directed & Student Centered
-

Student Data

■ Third Grade Teachers Comments (2007-2008)

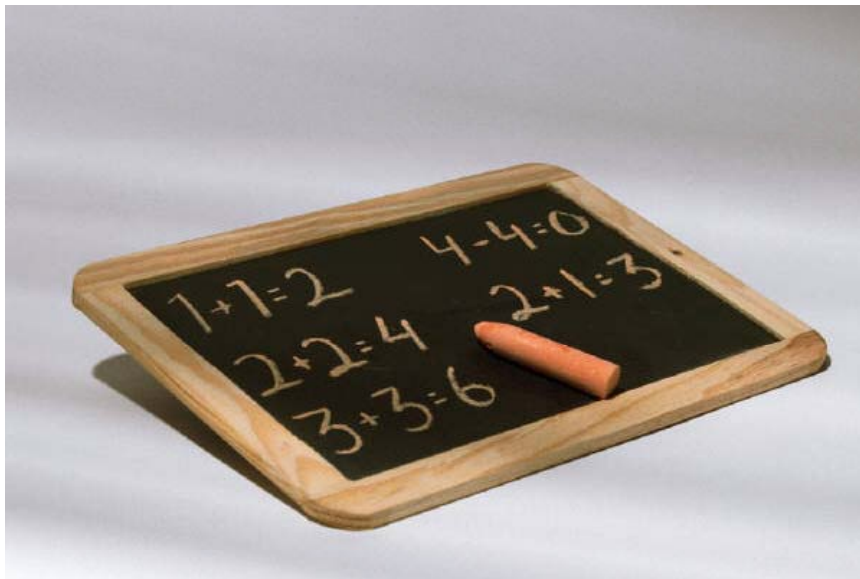
“Bridges students...

- Transitioned well
- Demonstrated strong number sense
- Demonstrated strong problem solving abilities
- Gained vocabulary & routines by November”



“Bridges students are developing solid math understanding and doing well, each maintaining their personal learning style and comfort level with mathematics.”

- Third Grade Teacher



Implementation Plan

- Observe Bridges
 - Assign Bridges Mentors
 - Provide Summer Work
 - 4 Grade 2 Teachers
 - Grade 3 Teachers Redesign Unit 1
 - Hold Transition Meetings
 - 2009-2010
-