


Mathematics Initiatives 2009-2010


Cambridge Public Schools



Department Focus

- Instruction aligned to Massachusetts State Framework used to prepare all students for the 21st century
 - Professional Development Workshops
 - District and Building Coaching
 - Middle School and High School Transition
- 

Instruction

- Massachusetts State Framework taught through research-based curricula and supplemental resources
 - MCAS practice and Computational Fluency integrated throughout
 - Advancement within and between schools for advanced learners
- 

Professional Development

- Junior Kindergarten and Kindergarten – *Building Blocks*
- Middle School – *CMP2*, Middle School meetings
- Teacher Leaders
- Special Education Collaboration
- Focus on Mathematics
- MTEL Elementary Math Licensure
- CRLS Inquiry and Collaboration Modules

Instructional Coaching

- Plan differentiated instruction for all learners
- Align curriculum with Massachusetts standards and MCAS questions
- Analyze classroom and district assessments
- Provide building professional development on content and pedagogy
- Incorporate data into instructional decisions
- Common planning time at CRLS

MS and HS Transition

- Committee formed with 10 teachers and 3 administrators
- Alignment of MS and HS resources
- CRLS course packets
- Grade 9 course descriptions
- Sharing of resources and policies between middle schools and CRLS