

Wisconsin Mathematics Council
42nd Annual Conference

TO **Take Charge**
Make Change



Official Program

Green Lake, WI
May 5-7, 2010



Welcome to the 42nd Annual Wisconsin Mathematics Council Conference!

Conference Co-Chairs Message

Welcome to the 2010 Wisconsin Mathematics Council (WMC) Annual Conference at Green Lake. The theme Take Charge To Make Change has proven to be very timely! As educators of mathematics it's important for each and every one of us to embrace this opportunity to learn about the national common core standards and their effect on students in Wisconsin, gain understanding on strategies that meet the needs of all learners, and work to develop leadership skills in order to guide mathematics instruction in classrooms throughout the state!

This is the perfect venue to broaden your understanding of effective mathematics instruction as well as begin to learn about the important mathematics initiatives that will impact teaching and learning in each and every classroom throughout the state of Wisconsin! We are hoping you take every opportunity to engage in conversations on the national common core standards, as well as participate in several sessions focusing on supporting struggling learners.

Paige and I along with a dedicated program committee are confident we have developed three action packed days full of informative sessions that will help you and your district Take Charge To Make Change!

Beth & Paige

Beth Schefelker and Paige Richards
Wisconsin Mathematics Council 2010 Conference Co-Chairs



Beth Schefelker



Paige Richards

President's Message

Welcome all!

The Wisconsin Mathematics Council is delighted that you have chosen to attend this year's WMC Annual Conference. Beth Schefelker and Paige Richards, 2010 conference chairs have brought together an outstanding program that will enlighten and equip you as an educator and leader. Beth and Paige must have been looking into a crystal ball when they first talked about the theme, Take Charge To Make Change. 2010 is certainly an important time in mathematics education with mathematics conversations at the national and international levels about standards, curriculum and instruction.

Whether you are new to the Green Lake mathematics experience or if you have been coming for years, we are certain that you will find sessions to meet your needs. This is the time - time to learn and network with colleagues and experts from around the state and country, and time to reflect on the impact of this year's conference on mathematics education in your local setting.

We welcome your involvement in WMC activities; consider becoming a WMC committee member or ambassador. To find out more, please take time to visit the WMC booth in the Kraft Centre Lobby. I look forward to meeting you. Enjoy the conference!!!

Mathematically yours,

Diana K.

Diana Kasbaum
Wisconsin Mathematics Council President



Diana Kasbaum





For your Professional Development Portfolio...



The Green Lake Conference helps educators grow professionally within the guidelines of the Wisconsin Standards for Teacher Development and Licensure under PI-34. Participants in the Green Lake Conference can pick up a Participation Packet at the WMC booth in the lobby of Kraft Centre to help them organize the many thoughts and ideas generated by the Conference activities. This packet will include a Self-Reflection component to help you with your Professional Development Plan (PDP). It also provides evidence of your attendance at this program and helps you describe activities that will impact your professional growth with the goal of increasing student learning.

Stop by the WMC booth to pick up your Green Lake Participation Packet.

Wisconsin Standards for Teacher Development and Licensure

1. Teachers know the subjects they are teaching.

The teacher understands the central concepts, tools of inquiry, and structures of the disciplines she or he teaches and can create learning experiences that make these aspects of subject matter meaningful for pupils.

2. Teachers know how children grow.

The teacher understands how children with broad ranges of ability learn and provides instruction that supports their intellectual, social, and personal development.

3. Teachers understand that children learn differently.

The teacher understands how pupils differ in their approaches to learning and the barriers that impede learning and can adapt instruction to meet the diverse needs of pupils, including those with disabilities and exceptionalities.

4. Teachers know how to teach.

The teacher understands and uses a variety of instructional strategies, including the use of technology, to encourage children's development of critical thinking, problem solving, and performance skills.

5. Teachers know how to manage a classroom.

The teacher uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.

6. Teachers communicate well.

The teacher uses effective verbal and nonverbal communication techniques as well as instructional media and technology to foster active inquiry, collaboration, and supportive interaction in the classroom.

7. Teachers are able to plan different kinds of lessons.

The teacher organizes and plans systematic instruction based upon knowledge of subject matter, pupils, the community, and curriculum goals.

8. Teachers know how to test for student progress.

The teacher understands and uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the pupil.

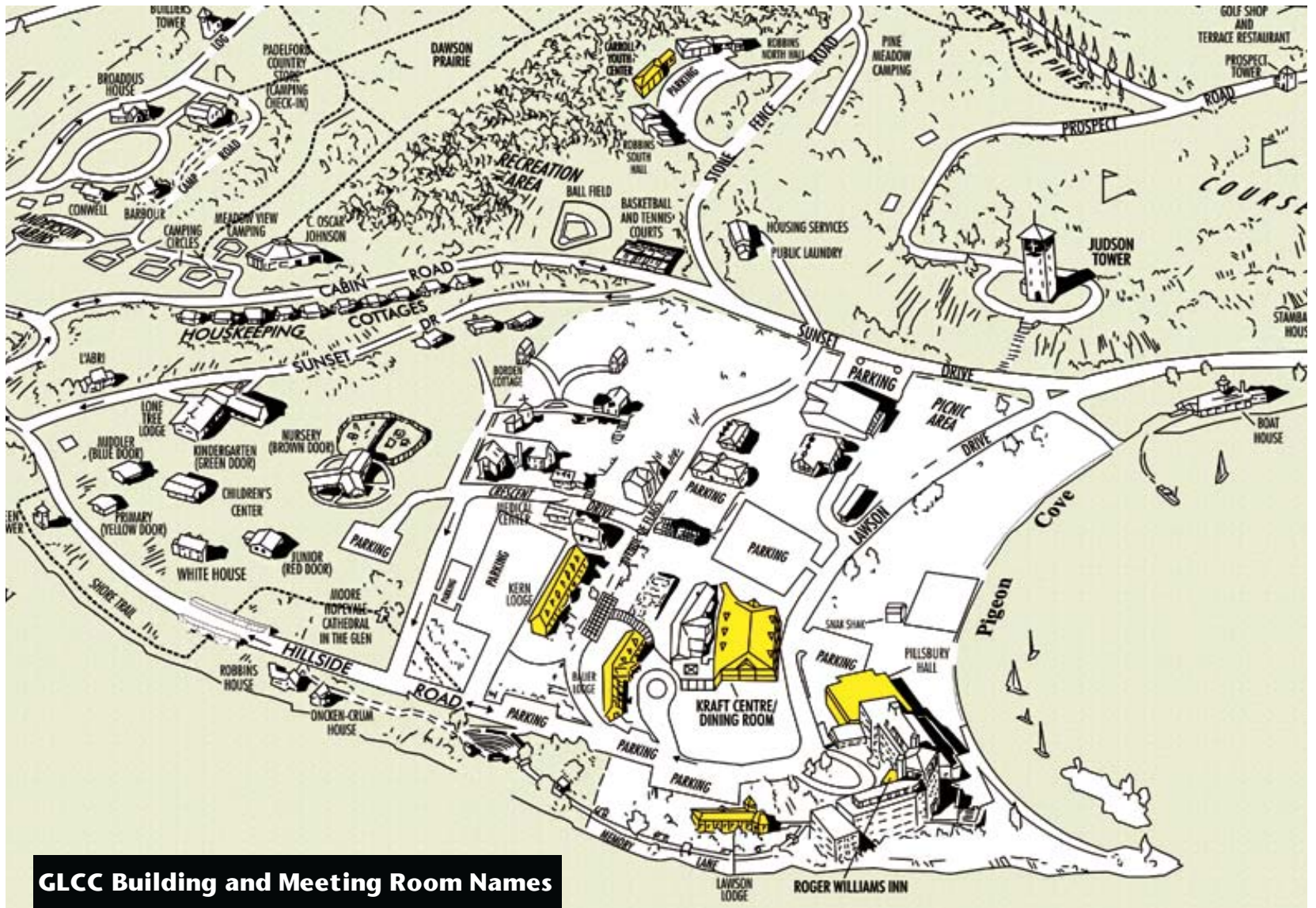
9. Teachers are able to evaluate themselves.

The teacher is a reflective practitioner who continually evaluates the effects of his or her choices and actions on pupils, parents, professionals in the learning community and others and who actively seeks out opportunities to grow professionally.

10. Teachers are connected with other teachers and the community.

The teacher fosters relationships with school colleagues, parents, and agencies in the larger community to support pupil learning and well-being and acts with integrity, fairness and in an ethical manner.





GLCC Building and Meeting Room Names

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| Bauer Lodge Beaty Boddie LaDue Lightbody Morehouse A | Morehouse B Morehouse C Kern Lodge Boehr Cary Brayton Case A | Brayton Case B Brown Hanson Johnson Stansbury | Kraft Centre Lobby Dining Room Mitchell Dining Room Tower Dining Room | Lawson Lodge Martin Luther King, Jr. Pillsbury Pillsbury Hall (two levels) | RWI (Roger Williams Inn) Crystal Mahaney | McGarvey Veranda A Veranda C | Youth Center Huber Evans Oliver/ DeWolf Cummings |
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Make plans to attend the...

43rd WMC Annual Conference

PC² Priorities, Connections & Coherence
Creating Balance in Mathematics Education

Green Lake Conference Center, Green Lake, WI

May 4 - 6, 2011

www.wismath.org

