Florida Council of Teachers of Mathematics

ADDITIONAL DIMENSIONS

VOLUME 19 NUMBER 2 SUMMER 2010

PRESIDENT'S MESSAGE

JANET MEINKE

Welcome to the summer edition of the 2010 FCTM Newsletter *Additional Dimensions*. It's my honor to serve as president of FCTM for the next two years. I would like to thank you for your dedication to mathematics education in Florida. FCTM is your liaison for education mathematics in our state. Please encourage your fellow mathematics teachers to join us. While some of your colleagues may be members of NCTM, they are not receiving the benefits of FCTM. Yearly membership in FCTM includes:

- two issues of this newsletter (*Additional Dimensions*)
- two issues of the *Dimensions in Mathematics* journal
- eligibility to register for the annual FCTM fall conference
- eligibility to apply for various FCTM grants and awards
- the opportunity to run for offices on the FCTM Board
- the right to vote in the FCTM elections
- representation in Tallahassee by Bob Bedford, our Government Relations Representative

There is a new look to the FCTM homepage! Take a moment to visit www.fctm.net and explore resources available to FCTM members. Be sure to check out the Grants and Awards link. Applications can still be submitted prior to September 1st for the Lichtenberg Pre-service Educator Grant and Florida Engineering Foundation's Outstanding Mathematics Teacher's Awards. I encourage you to take advantage of these opportunities and apply for FCTM grants.

President's Message continued on page 14

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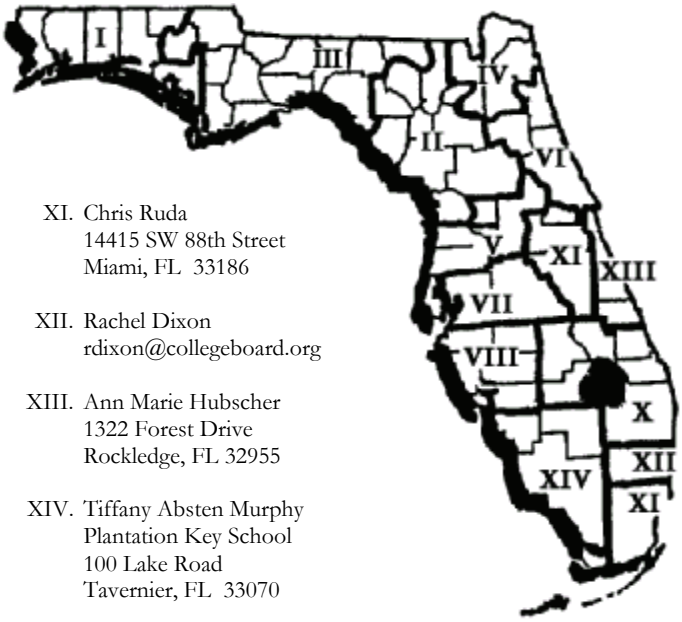
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In Honor Of...



In honor of our dear Dr. Don Bernard, the "Don Bernard Enhancement Grant" was established by FCTM.

Dr. Bernard was a Past President of FCTM, Historian, Chaplain, and Kenneth Kidd Mathematics Teacher of the Year. Don was a teacher for over 50 years! He contributed to mathematics education in our state, region, and organization. Although he no longer walks with us, his influence and legacy to inspire children to appreciate and love mathematics will live on in our hearts and be reflected in our practice.





Around the State

Region I

Amelia McCurdy, Director

Santa Rosa County Council of Teachers of Mathematics is in the process of planning their 3rd Annual Mathematics Teacher of the Year. Nominees have been submitted for each of the four grade bands (K-2, 3-5/6, 6-8 and 9-12). On Tuesday, May 25, SRCCTM will host a reception to honor each nominee and to name the outstanding MTOY for each of the grade bands.

SRCCTM will again sponsor Outstanding Mathematics Students for grades 8 and 12 for the end of the year awards.

SRCCTM is also in the beginning stages of planning for their 5th Annual Fall Mini-Conference. They hope to integrate science into this year's conference.

Region II

Carol Martin, Director

Columbia County Mathematics Council hosted the Annual 4th Grade Math Bee April 26. Teams from ten elementary schools in Columbia County competed.

Alachua Council of Teachers of Mathematics had to cancel the Heart of Florida Mathematics and Science Conference in March. They are planning for next year.

Region IV

Patrick Kenney, Director

DEMC Mathematics Educator of the Year

The Duval Elementary Mathematics Council (DEMC) held its final meeting of the 2009-2010 school year on May 17, 2010 at the Schultz Center. Melissa Buchanan, a 4th grade teacher at Hendricks Avenue, was named Duval Mathematics Educator of the Year. The annual award is given to the most outstanding elementary math teacher in Duval County. More than 50 teachers were nominated for this distinguished honor and award. The three finalists were: Melissa Kolb Buchanan (Hendricks Avenue), Kristina Fox (Hendricks Avenue), and Melissa Ross (Chets Creek).

Region IV Teacher Finalists for Florida Teacher of the Year

Kelly Burnette (Nassau County) and Zachary Champagne (Duval County) were selected as finalists for the Macy's/Florida Department of Education Teacher of the Year award. Ms. Burnette is a Dual Enrollment teacher at Yulee High School and teaches Science and Student Life Skills. Zachary Champagne (DEMC President) is a fourth grade teacher at Mandarin Oaks Elementary School. "Each Teacher of the Year finalist brings with them an unwavering commitment to the success of their students", said Commissioner Eric Smith. The finalists received a $5000 check, a $500 Macy's gift card, and a $1000 check from their school.

DEMC Elections

DEMC elections were also held at the May 17th meeting. Timothy Kenney will be stepping down from his position as Vice President. DEMC would like to thank him for his dedication and commitment to deepening the content knowledge of elementary school teachers in Duval County.

Region V

Mary Lou Beasley, Director

The Pasco Council of Teachers of Mathematics hosted 2 meetings this spring for members. One included demonstrations of various technologies including SmartBoards, Moodle websites, Garage Band, and graphing calculators. The second meeting began with an overview of the new NGSSS followed by breakout groups participating in activities at the different grade levels. They finished up the year with their Awards Banquet this past week where they honored their **Mathematics Teachers of the Year for 2009-10:**

Elementary – Melanie Reams, Cypress ES

Middle – Nelson Chasney, Chasco MS and Brian Dean, Paul R. Smith MS

High – Anna Jenkins, Zephyrhills HS

Mathematics Educator of the Year – Barbara Blount, West Zephyrhills ES

The Pinellas Council of Teachers of Mathematics held a "Math Night Out" in February where teachers can socialize with each other at a local restaurant and pick up a few new ideas for their classrooms. They also held a new textbook "Sneak Peek" where they invited the publishers of the district's newly adopted textbooks to begin acquainting teachers with the materials they will be using next year. The year ended with the annual Awards Banquet honoring elementary, middle and high school mathematics teachers of the year as well as the **Distinguished Service to Mathematics Award:**

Elementary – Sandra Brodney, Douglas Jamerson ES

Middle – Jennifer Gray, Clearwater Fundamental MS

High – Staci Gillen, Dunedin HS

Distinguished Service to Mathematics Award – Kevin Hendrick, Principal, Northeast High School

Region VI

Margaret Bambrick, Director

Volusia County Council Teachers of Mathematics (VCTM) has been instrumental in supporting the textbook adoption process in Volusia County this school year. Many teachers worked on district committees after school hours and appreciated the support of VCTM which provided the pizza and snacks.

In May, VCTM held their annual banquet to recognize the school nominees for Math Teacher of the Year. During the event, the current Volusia County Teacher of the Year (Kristen Kuches, a math teacher from Heritage Middle School) shared her story about becoming a math teacher and how important our work is. The evening culminated in honoring three teachers, one from each level, to represent their peers as outstanding mathematics educators.

The first annual "Volusia Solves" event will take place on Saturday, May 15th at Embry Riddle Aeronautical University. VCTM members will volunteer to run fun and exciting contests/sessions. All are hoping that the students will enjoy the math field day and great tour that the university has planned.

Region VIII

Ricardo Bellón, Director

The Sarasota Council of Teachers of Mathematics (S.C.T.M.) has had the opportunity to offer many wonderful, proactive, and professional activities this past year. S.C.T.M. has been busy providing workshops and professional development activities for teachers in our district and surrounding areas.

On February 13, S.C.T.M. hosted a Mini-Drive Conference at our District Offices. The theme of this event was: "Celebrate The Year of The Tiger, Mathematically". Presentations included: using technology effectively in the mathematics classroom, Best Practices, maximizing use of the ActivBoard, and Organization and Best Practices in the Geometry Classroom. There were also presentations on FCAT updates, training for the new FCAT Season, and sessions on effective use of "Outlook Communications" and Legislative and Pro Action Committees.

S.C.T.M. also seized this opportunity to do a "Blitz Membership Drive" for F.C.T.M.! During the breakout sessions, S.C.T.M. Leaders talked to and recruited members to serve on the F.C.T.M. 2010 Conference Committee. Breakfast and Refreshments were provided courtesy of S.C.T.M., Pam Revels, and Pearson Company.

S.C.T.M. held its Annual Celebration and Recognition Banquet on May 7. The evening's Gala Event hosted and honored retiring teachers from our district as well as our Mathematics Curriculum Specialist and other contributing members.

Region IX

Michelle Stephan, Director

In March, the Seminole County Council of Teachers of Mathematics (SCCTM), in conjunction with Seminole State College, conducted their annual County High School Mathematics Competition, and in April, SCCTM held their annual County Middle School Mathematics Festival. In May they will sponsor their annual Math Teacher of the Year Dinner with SCCTM giving cash prizes to 1-elem ($100), 1-middle ($100), 1-high school ($100), and 1-rookie teacher ($50).

The OCCTM (Orange County Council) has been working on the upcoming contests for elementary school grades 4 and 5 as well as Middle school grades 6-8. The Elementary contest is April 24th and the Middle School contest is May 1st. Additionally, OCCTM will be sponsoring a high school contest on Friday, April 16th. Finally, OCCTM has just collected all packets for Mathematics Teacher of the Year and judging will be soon with a celebratory dinner May 27th.

OSMOSIS, the Osceola Council, is currently taking applications for outstanding teachers (OSMI awards) for K - 12 math and science teachers. They will honor the winners at a catered dinner on May 20th. Osceola County will also be the hospitality host at the October FCTM meeting so they are brainstorming ideas on their responsibilities and will be working on their role this summer under the leadership of the OSMOSIS president Carol Wienrich. OSMOSIS has also helped sponsor the Middle School Math contest in January and February and will host the first ever High School Math contest in conjunction with Valencia Community College on May 14th.

Region X

Steve Selby, Director

Calculator Workshops

There were TI Nspire workshops at Palm Beach Atlantic University on January 19 and April 17, open to secondary math teachers in South Florida. The January 19 event highlighted the TI Nspire CAS, and the workshop on April 17 trained middle grades math teachers in the morning and high school teachers in the afternoon, emphasizing the use of technology with the New Generation Standards. An additional week-long TI workshop is scheduled for August 2-6. This workshop will be an in-depth Nspire event.

Palm Beach County

1. *2009 – 2010 PBCCTM Teacher of the Year (TOY):*
   PBCCTM will hold its annual Mathematics Teacher of the Year Ceremony on May 18. At the writing of this report, the winners have not been announced. This year's ceremony will take place at the West Palm Beach Marriott Hotel.
2. *PBCCTM Mathematics Tournament:*
   The 48th annual PBCCTM Tournament for grades 6-8 was held April 14 at Royal Palm Beach High School. The overall winner was Matthew Liang from Bak Middle School of the Arts.
3. *Mathagram:*
   The Mathagram was just distributed to the PBCCTM mathematics teachers. The Mathagram is a newsletter put out by the Council 3 or 4 times a year.
4. *P.R.O.M.I.S.E.:*
   Each year the Council recognizes student achievement in mathematics through the P.R.O.M.I.S.E. program. P.R.O.M.I.S.E. certificates have been distributed to schools across Palm Beach County. Over 3,400 students will be recognized for achievement in mathematics because of this program.

5. Additional Items:

- PBCCTM co-sponsored the Math/ Science Fair held on May 4-6.
- The Council's webmaster, David Anderson, is continuing to update the site with teacher resources (www.pbcctm.org).
- Plans are being made for a Technology conference on November 13 at Palm Beach Atlantic University.

Region XI

Chris Ruda, Director

Dade County Council of Teachers of Mathematics

DCCTM hosted its 16th annual Elementary Mathematics Bowl and 1st Middle School Mathematics Bowl on April 24 at Edison SHS. Roger Lara, DCCTM VP Middle Schools, initiated this first Middle School Mathematics Bowl. Dr. Larry Orihuela, Dr. Yuria Orihuela, Elizabeth Travieso, and Roger served as co-chairs for this year's overwhelmingly successful elementary/ middle school event.

Seventy elementary teams of 4 "mathematicians" and 35 middle school teams of 4 "mathematicians" filled the Edison SHS gymnasium for the award ceremony! Nearly 225 students, coaches, and cheering parents turned out for the middle school event while over 600 turned out for the elementary event.

Elementary awards were given in four competitions: Individual, Relay, Team, and Build-it. Middle School students participated in two competitions: Individual and Team.

In May, DCCTM hosted its Annual Teacher of the Year banquet with featured guest speaker, Dr. Matt Larson, sponsored by Houghton Mifflin Harcourt More than 100 elementary, middle school, and high school nominees and guests filled the ballroom of the Miami Elk's Club.

Elena DeVilliers chaired and organized this successful event. Each awardee received a check from DCCTM, sponsor gifts, and a year's membership to DCCTM. Outgoing president, Dr. Larry Orihuela, passed the gavel to new president, Elizabeth Travieso.

Region XII

Rachel Dixon, Director

Region XII is proud to announce the awardees for 2009-2010 Mathematics Teacher of the Year. The awardees were:
Elementary: Fatima Barakat, Sawgrass Elementary School
Middle: Megan Yanes, Broward Virtual School
High: Wendy Moskowitz, J.P. Taravella High School

Also during the evening, the grant awardees were announced; the winners are Marjorie Archer at Nova Blanche Forman Elementary and Lisa O'John at Forest Glen Middle School. These outstanding educators and all nominees were recognized at the annual dinner seminar on March 18.

BCCTM hosted their annual Elementary and Middle Schools Mathematics Competition on April 17. Ranging in levels from grades 4 through Geometry, over 1200 elementary and middle school students competed.

Region XIII

Ann Marie Hubscher, Director

Over 500 students took part in Brevard's elementary and secondary math tournaments during April and May. Mathletes competed as teams representing their schools in a written test and a Bowl event. Trophies and ribbons were presented during the awards ceremony. Congratulations to all who participated!

The school board approved the recommendations of the Textbook Adoption Committees and schools are in the process of ordering new instructional materials for the 2010-2011 school year. Training in the use of the new materials will be the focus of summer workshops.

Region XIV

Tiffany Absten Murphy, Director

The Keys Council for Math and Science Educators recently held two Math and Science Bowls, one in the Lower Keys and one in the Upper Keys. Altogether over 50 teams of 5th and 6th graders participated. Council members serving on the district's textbook selection committee have finished up their work in selecting instructional materials for the adoption. In the next month, the council will be selecting its Math and Science Teachers of the Year, planning a spring banquet, and holding elections for officers for next year.

Do you have someone in your Florida affiliate group whom you would like to recognize or do you have any current news about your affiliate? Contact your Region Director with your news!



Barbara Cavanah, Webmaster

Pages on the web continue to be updated and switched to the new design as related news items are posted. As information is submitted to the webmaster, it has been posted to the website: www.fctm.net

Recent updates include:

- ⇨ Conference proposal information
- ⇨ Membership drive
- ⇨ Legislative Updates
- ⇨ Grant and award applications online

National & State Updates

NCTM Update – Janet Meinke

NCTM now has an iPhone app. The app gives users an easy, efficient way to access timely NCTM information – from new publications released and best sellers to the latest information on upcoming conference and professional development opportunities. Users can get the latest on NCTM activities, including teaching tips and classroom resources. It also includes Facebook and Twitter feed updates, including the Problem of the Day and special NCTM announcements and offers.

NCTM has started a new award that recognizes the outstanding work of NCTM state and local Affiliates in producing excellent journals or newsletters to keep their membership informed. Last year the journal or newsletter had to be published 4 times per year. NCTM has now changed the requirement to 2 times per year.

Two resolutions were passed by the delegates:

1) NCTM should expand its Affiliate Rebate Program for new members and renewals to include all methods of membership registration and payment.
2) NCTM, as the leading voice for mathematics teachers, continues to advocate in the ongoing development, implementation, and assessment of the Common Core State Standards (CCSS) for Mathematics and that NCTM increase the level of communication of their involvement in the process.

The Delegate Assembly forwards all resolutions it passes to the NCTM Board of Directors for review at its July meeting. The Board posts its responses online in August.

FMPA² Update – Zak Champagne

Nominations for the Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST) for teachers of grades 7 – 12 will be open in **Fall 2010**.

The Presidential Awards for Excellence in Mathematics and Science Teaching are the Nation's highest honors for teachers of mathematics and science. The Awards recognize outstanding K – 12 teachers for their contributions in the classroom and to their profession.

Recipients of the award receive the following:

- A citation signed by the President of the United States.
- A paid trip for two to Washington, D.C. to attend a series of recognition events and professional development opportunities.
- A $10,000 award from the National Science Foundation.

In addition to recognizing outstanding teaching in mathematics or science, the program provides teachers with an opportunity to build lasting partnerships with colleagues across the nation. This growing network of award-winning teachers serves as a vital resource for improving science, technology, engineering, and mathematics education and keeping America globally competitive.

For more information, visit http://www.paemst.org/

FAMTE Update – Paige Allison

The Florida Association of Mathematics Teacher Educators has just elected a new slate of officers who will serve in these positions for the next two years unless otherwise noted:

All terms begin Spring 2010

- President Elect - **Cassandra Etgeton**
  1 year as president elect
  2 years as president
  1 year as immediate past president
- Member at Large – Public Institution – **Joseph Furmer**
  2 year term

- Member at Large – Private Institution – **Dr. Angie Su**
  2 year term
- Secretary – **Dr. Maria Fernandez**
  2 year term
- Treasurer – **Dr. Stephen Selby** has agreed to continue as treasurer
  2 year term

Many thanks to our outgoing officers for their service to FAMTE, and to all who were willing to serve by being a part of this election process.

Notes from the Vice - Presidents…

Cindie Donahue, Vice-President - Elementary

The Next Generation Sunshine State Standards (NGSSS) in Mathematics were adopted for Florida back in September of 2007. With the Florida Comprehensive Assessment Test (FCAT) changing to match the NGSSS in April of 2011, all elementary teachers in Florida can finally focus on teaching purely the new standards. What a huge relief! Okay, maybe not a huge relief, but at least there will be fewer benchmarks to focus on and teach. Our next task is to figure out how to teach the NGSSS to the new depth required. There are many resources available to help with this.

Clearly, one resource will be our new textbooks. The textbooks approved by the state for adoption were specifically designed to teach the NGSSS. These textbooks will be utilized beginning in the fall.

Another resource provided by our state is called CPALMS. CPALMS is a statewide project to build information systems and tools to support the implementation of the NGSSS. Activities submitted and accepted through CPALMS are embedded within the standards database found at the website http://www.floridastandards.org. The easiest way to access the activities once at the website is to select course descriptions. In each grade's course description, benchmarks that have activities tied to them have a blue link titled *Related Instructional Resources*. Click on this link to be taken to activities that match up with this benchmark.

The National Council of Teachers of Mathematics (NCTM) has also been developing resources that are helpful. These new resources were developed to help teach the NCTM Curriculum Focal Points (CFP). Since our NGSSS basically match the CFP, these new resources can help us as well. They are currently available for all grades but grade 2, which will be released shortly. The title of each book, for example in grade 1, is *Focus in Grade 1: Teaching with Curriculum Focal Points*. These books cost $34.95 each or $27.96 each for NCTM members.

Another resource for intermediate teachers is the draft form of the Florida Comprehensive Assessment Test 2.0 (FCAT 2.0) Test Item Specifications. These Math Specifications are available for download from http://fcat.fldoe.org/fcatis01.asp. (They are also embedded below the benchmark ties within the course description through CPALMS.) The Math Specifications help to clarify how we will see the NGSSS interpreted for assessment in Florida. Please keep in mind that these were released when short response items were still going to be assessed on the grade 5 test. Remember that this is no longer the case. The grade 3 test is purely multiple choice, while the grades 4 and 5 tests are a combination of multiple choice and gridded response. Looking through the examples in the Math Specification by benchmark for each of the grade levels 3, 4, and 5 is a real eye opener.

Something else that is a real eye opener is the projected weighting of reporting categories for the FCAT 2.0. For grade 3, Number and Operations is weighted as 50% of the test, Geometry and Measurement as 30%, Algebra as 10%, and Data Analysis as 10%. For grade 4, Number and Operations is weighted as 55% of the test, Geometry and Measurement as 30%, and Algebra as 15%. For grade 5, Number and Operations is weighted as 50% of the test, Geometry and Measurement as 30%, Algebra as 10%, and Data Analysis as 10%. Please see the charts that follow to see this information by benchmark for each grade.

Looking at the weighting of the FCAT 2.0 reiterates that in elementary school the NGSSS are really focused on number sense topics, followed next by geometry and measurement topics. Giving our students such a solid base in these topics in elementary school can only help them be better prepared in middle and high school to be successful in mathematics.

FCAT 2.0 Appendix B Draft Sorted by Projected Reporting Categories

Grade 3	
Benchmark	Item Type
Number and Operations: 50% of test	
MA.3.A.1.1	MC
MA.3.A.1.2	MC
MA.3.A.1.3	MC
MA.3.A.2.1	MC
MA.3.A.2.3	MC
MA.3.A.2.4	MC
MA.3.A.6.1	MC
Geometry & Measurement: 30% of test	
MA.3.G.3.1	MC
MA.3.G.3.2	MC
MA.3.G.3.3	MC
MA.3.G.5.1	MC
MA.3.G.5.2	MC
MA.3.G.5.3	MC
Algebra: 10% of test	
MA.3.A.4.1	MC
MA.3.A.6.2	MC
Data Analysis: 10% of test	
MA.3.S.7.1	MC

Note:
MA.3.A.2.2 – Assessed with MA.3.A.2.3

Grade 4	
Benchmark	Item Type
Number and Operations: 55% of test	
MA.4.A.1.2	MC, GR
MA.4.A.2.3	MC, GR
MA.4.A.2.4	MC
MA.4.A.6.1	MC, GR
MA.4.A.6.2	MC
MA.4.A.6.3	MC
MA.4.A.6.4	MC
MA.4.A.6.5	MC, GR
MA.4.A.6.6	MC
Geometry & Measurement: 30% of test	
MA.4.G.3.1	MC
MA.4.G.3.2	MC
MA.4.G.3.3	MC, GR
MA.4.G.5.1	MC
MA.4.G.5.2	MC
MA.4.G.5.3	MC
Algebra: 15% of test	
MA.4.A.4.1	MC, GR
MA.4.A.4.2	MC, GR
MA.4.A.4.3	MC

Note:
MA.4.A.1.1 – Assessed with MA.4.A.1.2
MA.4.A.2.1 – Assessed with MA.4.A.2.3 and MA.4.A.2.4
MA.4.A.2.2 – Assessed with MA.4.A.2.3 and MA.4.A.2.4

Grade 5	
Benchmark	Item Type
Number and Operations: 50% of test	
MA.5.A.1.1	MC, GR
MA.5.A.1.4	MC, GR
MA.5.A.2.1	MC, GR
MA.5.A.2.2	MC, GR
MA.5.A.2.4	MC
MA.5.A.6.3	MC
MA.5.A.6.4	MC
MA.5.A.6.5	MC, GR
Geometry & Measurement: 30% of test	
MA.5.G.3.1	MC
MA.5.G.3.2	MC, GR
MA.5.G.5.1	MC
MA.5.G.5.2	MC, GR
MA.5.G.5.3	MC
MA.5.G.5.4	MC, GR
Algebra: 10% of test	
MA.5.A.4.1	MC, GR
MA.5.A.6.2	MC, GR
Data Analysis: 10% of test	
MA.5.S.7.1	MC
MA.5.S.7.2	MC

Note:
MA.5.A.1.2 – Assessed with MA.5.A.1.4
MA.5.A.1.3 – Assessed with MA.5.A.1.4
MA.5.A.2.3 – Assessed with MA.5.A.2.2
MA.5.A.6.1 – Assessed with MA.5.A.2.2 and MA.5.A.2.4
MA.5.A.4.2 – Assessed with MA.5.S.7.1 and MA.5.S.7.2

Pam Guyton, Vice President – Middle School

Parent Involvement

Many parents who are actively involved in the education of their children at the elementary school level become less involved when their children reach middle school. However, parent involvement in a child's education during the middle school years (ages 10 to 14) is just as important in a child's success at school as it is in earlier grades.

When parents become involved, both students and school benefit:

- Grades and test results are higher;
- Students' attitudes and behavior are more positive;
- Academic programs are more successful; and
- The schools, as a whole, are more effective.

Parents are often feeling disconnected from the middle school because they are so accustomed to the almost daily communication that they often get from the elementary teacher. As a middle school teacher, keeping parents informed and involved requires implementing a well thought-out plan. Teachers must be willing to initiate and maintain the parent-teacher relationship.

- Have a team or grade level "social" at the beginning of school. Tell everyone to bring a dish. One goal would be to let the parents feel at ease and know that you are approachable. This should be informal and provide a

more relaxed atmosphere as compared to an official Open House. Encourage parents to get to know each other. Knowing who your child is associating with is essential for parents to feel comfortable with the middle school transition.

- Create a List Serve of e-mail addresses and e-mail the parents when there is a big test or project approaching. Attach the study guides and rubrics.
- Using the list serve, e-mail parents immediately after missed homework. If this is done consistently early in the year, the student quickly realizes that his parents will be informed, and instead chooses to complete the assignments.
- If your school system has an online resource where parents and students can monitor grades and assignments, actually demonstrate this to parents. Make sure they know their passwords and codes. A parent feels empowered when he can monitor his child without having to directly contact the teacher.
- In Elementary, parents are accustomed to getting multiple announcements about upcoming events. In Middle School, often information about these events is delivered via the school intercom. Direct your parents to the online source that will also have this information posted.

Be proactive. Reach out to parents, and let them know that middle school will provide students with the opportunity to be much more independent. But let them know that you still need their support and involvement. And most of all let them know that their involvement is still a vital part of any student's success.

Rachel Lutz, Vice President – High School

Getting Ready for End of Course Assessments

Get ready for the End of Course Algebra 1 test! The state has field-tested the Algebra 1 test in various high schools and middle schools throughout the state. At the selected field test high schools, all 9th grade students were required to sit for the test regardless of course. This was just for the field test. Students were required to complete a practice session before taking the test. Additionally, the practice test could be accessed without the password at www.pearsonaccess.com. There were six sample questions and students could familiarize themselves with the online TI-108 calculator, the eliminator, straightedge, highlighter, and reference sheet. Students received a folder for scrap work. It was recommended that file folders be taped to the sides of the computers to prevent cheating.

For the 2010 – 2011 school year, the Algebra 1 EOC will count for 30% of a student's grade.

My high school expects that more students will be taking Algebra 1 at the high school level than had been in previous years.

The College Readiness Box

Since the new grading, you may notice a significant increase in the interest of ACT and SAT. My county currently administers all 9th and 10th grade students the PSAT and all juniors an SAT for free during school time. Additionally, my school funded the entire senior class taking the ACT. These are all efforts to have more students become "college ready." Once a student makes a level 3 on the FCAT, they roll into the college readiness bracket. To address this, we're requiring all students to create an account on SAT.org and complete the practice test. This is their summer homework assignment. Students must print out their score analysis at the end and turn in at the beginning of the year. My school will be offering summer computer lab hours to assist with the assignment. The College Board is providing free SAT Prep books to selected schools.

Rick Austin, Vice President – Colleges

Florida Educator Accomplished Practices

What follows is from an e-mail that I received. Based on the simple address, I thought that perhaps it might be news to some of you. It has significant potential for altering our teacher preparation programs, and possibly teacher evaluations in the future.

Subject: Revision Process for the Florida Educator Accomplished Practices

Dear District School Superintendents, Deans, and Directors of Teacher Preparation Programs:

It is necessary that teachers, teacher educators, and administrators pay close attention to what we expect teachers to demonstrate in classrooms, as this plays a critical part in improving student learning and in teachers' ongoing evaluation and development. Therefore, it is with great enthusiasm that I request your input into the revision of the *Florida Educator Accomplished Practices* (FEAPs). The FEAPs were established in 1998 through State Board of Education Rule 6A-5.065, and serve as the state's standards for effective instructional practice. Since January, the Commissioner's Teacher Task Force has reviewed the FEAPs and has prepared a draft for initial input from teachers, parents, and education professionals across the state. The FEAPs are used to define and identify effective teaching. They currently form the basis for all of Florida teacher preparation programs and will establish the core practices for teacher appraisal systems under the state's Race to the Top plan.

The next five months will serve as a critical time for educators and members of the public to offer comments and suggestions on the revisions, and we are requesting that you take this opportunity to communicate with your staff specifically on this important work. On Wednesday, May 12th, the Department will post a website where the proposed revisions to FEAPs can be found and where individuals can review each practice and make comments and suggestions for revision throughout this process. To provide input on Draft 1 and find information about the FEAPs, please visit www.fldoe.org/profdev/FEAPSRevisions/. Draft 1 will be available for comment through June 15, 2010. The timeline for the rest of the revision process with additional opportunities for input is shown below.

FEAPS Revision Timeline

January 2010	FEAPs provided to Commissioner's Teacher Task Force for initial review and comment; Task Force members form learning communities in their areas to work on Draft 1
March 5	Notice of Rule Development for 6A-5.065 advertised in *Florida Administrative Weekly*
March 8	DOE forwards *FAW* notice via e-mail to districts administrators, educational associations and organizations, deans/directors of teacher preparation programs inviting feedback and input into possible changes to FEAPs
May 7	Teacher Task Force finalizes Draft 1 to be used for gathering public comment; Draft 1 focuses on each practice's title and essential definition
May 12	Draft 1 of revised FEAPs released via new FEAPs website for public review and comment. Comments will be taken on Draft 1 through June 15
June 1	DOE forms a FEAPs work group (including teachers, teacher educators and district administrators) to analyze input on Draft 1 ; review current research and practices in classroom instruction and evaluation of instruction; and formulate Draft 2
July – August	DOE publishes Draft 2 through the *FAW* and holds a series of statewide rule workshops via conference calls; continues to collect input via website
August	FEAPs work group prepares final draft based on analysis of public input
September	Commissioner finalizes the proposed new FEAPs to be presented to State Board of Education for adoption into Rule 6A-5.065; final proposed version published in *FAW*
November State Board of Education Meeting	Present new proposed FEAPs in rule 6A-5.065 to State Board for approval; if adopted, new rule becomes effective December 20 10.

We are very grateful for the time and expertise that the Commissioner's Teacher Task Force members have dedicated to this project. Moving forward with your assistance, we anticipate receiving a great deal of input from you and the educators you work with, so that Florida can continue to provide the best instruction in our classrooms and the best learning opportunities for our students.

Questions about the FEAPs may be directed to Eileen McDaniel, Bureau Chief for Educator Recruitment, Development, and Retention, at Eileen.McDaniel@fldoe.org or (850)245-0562 or to Kathy Hebda, Deputy Chancellor for Educator Quality, at Kathy.Hebda@fldoe.org or (850) 245-0891.

You might be surprised to find that the new draft has reduced the number of Accomplished Practices to 7. The list with short biographies of the educators who are on the task force is found on the commissioner's opening remarks - there is a link, and yes there is one Mathematics Teacher in the group.

This effort has great potential for good within the education system of Florida and I want to encourage each of you to be an active participant.

MISSION ACCOMPLISHED!!!!!

Middle Grades Integrated Curriculum Certification has been
DAGGERED
for HIGH school credit MATH and SCIENCE courses!!!

Beginning in the 2011-2012 school year, teachers holding the MGIC certification will not be certified to teach courses for **high school** credit in **Math** and **Science**.

Teachers with MGIC certification will continue to be eligible to teach all **middle school** math, science, language arts, and social studies courses as well as high school credit courses in 9th grade language arts and social studies.

Beginning in 2011-2012, courses that can no longer be taught by MGIC certified teachers are listed below:

MATH	SCIENCE
1200400 INTENS MATH	2000300 INTENS SCI
1200300 PRE ALG	2000310 BIO 1
1200310 ALG 1	2000320 BIO 1 HON
1200320 ALG 1 HON	2000410 ZOOL
1200370 ALG 1-A	2000850 IB MYP BIOLOGY HON
1200380 ALG 1-B	2001310 ERTH/SPA SCI
1200390 IB MYP ALG 1 HON	2001320 ERTH/SPA SCI HON
1200395 IB MYP ALG 2 HON	2001350 ASTRONOMY
1205400 APPLIED MATH 1	2020910 ASTR S/G HON
1205410 APPLIED MATH 2	2001340 ENV SCI
1205420 APPLIED MATH 3	2002400 INTEG SCI 1
1205370 CONSUMER MATH	2002410 INTEG SCI 1 HON
1205500 EXPLORS IN MATH 1	2002415 IB MYP INTEG SCI HON
1205510 EXPLORS IN MATH 2	2002480 FORC SCI 1
1206300 INF GEOMETRY	2002490 FORC SCI 2
1206310 GEOMETRY	2003310 PHY SCI
1206320 GEOMETRY HON	2003320 PHY SCI HON
1206810 IB MYP GEOMETRY HON	2003400 NUCLEAR RADI
1207310 INTEG MATH 1	2003830 IB MYP CHEM HON
1207320 INTEG MATH 2	2020710 NUC RADI HON

Facts relating to the Middle Grades Integrated Curriculum Certification **prior to the 2011-2012 school year**:

- The 2.5 hour exam is composed of 30 multiple choice questions from each of the following subject areas: Science, Social Studies, English, and Mathematics.
- In 2007, 66% of 3,781 Middle Grades Integrated Curriculum examinees passed the exam.
- Only whole test scores are reported. Individual subject scores are not made available.
- A passing score certifies individuals to teach fifty-seven middle school courses and sixty-one high school courses in the core areas tested.
- Teachers who hold the Middle Grades Integrated Curriculum Certification can teach all math courses offered in middle school as well as honors and standard level Algebra I and Geometry, Integrated I and II, Applied I, II and III.

ESE teachers have been encouraged to get MGIC certification. However, this will no longer be sufficient for ESE teachers who will be teaching high school math courses as a co-teacher or self contained classroom teacher. Those ESE teachers will be required to hold a 5-9 or 6-12 mathematics certificate in order to be considered highly qualified to teach those courses. Support facilitators will not need the 5-9 or 6-12 math certifications.

Technology Update

Jim Swick, Technology

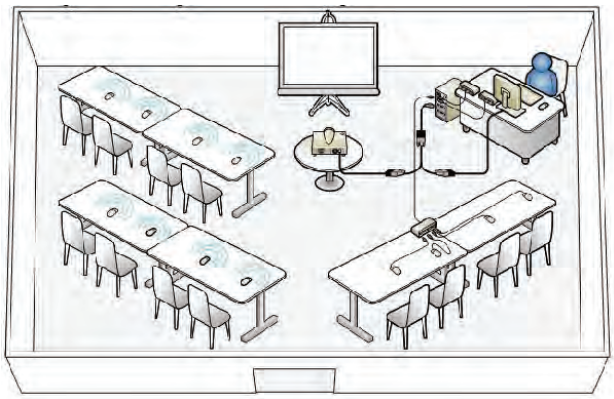
On April 30, Microsoft announced Mouse Mischief - a free of charge new addition to its PowerPoint software that allows students to participate in classroom presentations. Find the software at: http://www.microsoft.com/multipoint/mouse-mischief/

The new software allows teachers to add multiple choice, yes/no, and drawing questions to their presentations. Students then use any computer mice (wireless or USB) to answer these questions.

After Mouse Mischief is installed from the Microsoft website, the Mouse Mischief toolbar will appear as part of the PowerPoint ribbon when a new or old PowerPoint presentation is opened. The toolbar lets teachers add interactive elements, such as multiple-choice question slides, with a single click. Special teacher controls also allow instructors to disable students' mouse cursors, navigate between slides, set timers, and more.

How does it work? Using the sensors that pick up the wireless mouse signals from each wireless mouse, the software allows multiple mice to have their own cursor on the screen. This also means that if you have 20 students with mice, you have 20 cursors on the screen. When a question is displayed, the mouse cursors scurry to an answer and click on it. Once the students have selected their answers, the teacher can display the correct answer. The tool also calculates the percentage of students who answered the question correctly. Therefore, if a teacher sees that many students got an incorrect answer, more time or a different way to learn the concept could be used. Because Mouse Mischief allows for the whole class to participate in answering questions, teachers might find it difficult to ask an individual student to answer a question with multiple cursors on the screen.

All those mouse sensors need USB ports to plug into, meaning USB hubs are a necessity. Regular USB hubs will not handle this load, so powered USB hubs are required. Powered USB ports require, well, power, so nearby outlets or extension cords are necessary. If using wired USB mice, each mouse will need to plug into a USB port. All in all, there are going to be a lot of wires and cables to manage. See the diagram below for a wiring and classroom scenario.



The software works with Windows XP, Vista, and Windows 7 operating systems – sort of. Windows XP will allow only 5 users. Windows Vista and Windows 7 up to 20 – 25 users, but expect system slowdowns. The computer running the software will need at least a 1 GHz processor with at least 1 gig of RAM. Dual core processors running at 2 GHz and 2 gigs of RAM would even be better. Finally, Microsoft Office PowerPoint 2007 or Microsoft PowerPoint 2010 is required.

So, the bottom line: The software is free, but everything else needed to implement it is not. Is the software fun and easy to use for students? Probably – I would suspect more so at the elementary level than above (in fact, the Microsoft support site shows almost all elementary level students and lessons). Is it worth it? If the school has the mice, machines, projectors, cabling, and power already in place, then the software would be a relatively easy add-on. If not, this could turn into an expensive venture to support free software.

Best Practices Report

Jill Nielsen, Chair

On April 1, 2010, the District School Board of Pasco County Math Resource Teachers reviewed the Common Core State Standards (CCSS) in Mathematics for grades K-8 in their draft form. They made comparisons to the Florida 2007 Next Generation Sunshine State Standards (NGSSS) in Mathematics and the following table includes their comments/ concerns regarding the Common Core Standards. This is not an all inclusive list but current Florida teacher observations. The feedback was provided to the CCSS website. Final versions of the CCSS are due out in late May 2010. Overall concerns include that the CCSS were, for the most part, not as rigorous as the NGSSS and in some cases included developmentally inappropriate expectations. It was also believed that the CCSS had many gaps and expected students to perform at levels without preparing them adequately at earlier grades.

Grade K	**In Common Core**	• Add/subtract, not joining and separating (more like 1st grade NGSSS) • Forward and backward to 100 with any starting number – developmentally appropriate? • Base 10 concepts (place value of tens and ones) – developmentally appropriate? (not according to Van de Walle) • Decade numbers • Compose and decompose numbers in two different ways up (#'s up to 10) – developmentally appropriate? • Lacking specificity in shapes (geometry standards)
	In NGSSS missing from Common Core	Patterns and calendar time (morning, afternoon, night)
Grade 1	**In Common Core**	• Time, quarter hour (NGSSS in Gr 2 goes only to hour and half hour) • < and > introduced • Fact fluency to 10 (NGSSS in 2nd) • Fractions (1/2, ¼, half, fourth)(NGSSS at Gr 3) - developmentally appropriate? • Data introduced (representing/interpreting) • Calculate mentally +/- up to 20 • Adding 3 numbers in word problems • Regrouping unclear – decomposing # or traditional algorithm?
	In NGSSS missing from Common Core	Patterns (repeating or growing), weight/capacity, alternate strategies for two digit addition and subtraction
Grade 2	**In Common Core**	• Elapsed time (NGSSS in 3rd) developmentally appropriate? • Shapes w/up to 6 sides
	In NGSSS missing from Common Core	Patterns (only skip counting 2's, 5's, 10's), place value w/NGSSS go to 9,999, in CCSS only to 1,000, capacity, weight, mass, odd and even, balancing situations/equations
Grade 3	**In Common Core**	• Tape diagram? - Called dot plots • Create, analyze patterns through tables, variables, etc. • Shapes w/8 & 10 sides
	In NGSSS missing from Common Core	Patterns (Except in skip counting 10's, 100's, 1,000's), frequency tables, line plots, surveys, estimating, compose/decompose shapes (CCSS only in K/1), congruence or symmetry, diagonals, concave/convex
Grade 4	**In Common Core**	• Estimation to hundred (NGSSS through millions)
	In NGSSS missing from Common Core	Multi-digit multiplication related to real world math, decimals related to understanding base 10 system or related to fractions, decimals on #line, estimation of fractions & decimals through real world problems, 3-dimensional shapes not mentioned until 5th (was mentioned in K), describing of patterns (repeating patterns), simplifying of fractions (only equivalence), algebraic expressions (CCSS in middle school), reflection and rotation (except in line symmetry), percents (CCSS start them in 7th grade), congruence or similar figures
Grade 5	**In Common Core**	• Heavy in computation, weak in application • Multiplication and division of fractions
	In NGSSS missing from Common Core	3-d concepts deep enough to get to volume, line, double bar graph, prime numbers, composite numbers, factoring, estimating, interpreting solutions, order of operations, comparing, graphing, ordering integers on number line
Grade 6	**In Common Core**	• Solving for proportions (NGSSS in 7th) • Absolute value (NGSSS in 7th/8th) • Graphing all 4 quadrants (NGSSS in 7th) • Attention to sq. and cubed roots – • Vocabulary (NGSSS in primary (sum, quotient, etc.)) • # lines (but too basic) • Repeats operations with fractions from grade 5 • Introduction of variables (NGSSS in elementary) • Idea of equality (NGSSS in elementary) • Fluently dividing whole numbers (NGSSS in elementary)
	In NGSSS missing from Common Core	Inequalities, operations w/decimals, 2 step equations, linear functions, %, Pi, circumference & area of circle, perimeter of composite (3rd grade), dimensions of area & volume, mode & range, inequalities
Grade 7	**In Common Core**	• Complex fractions (the way explained in CCSS is more of an elementary concept) • Irrational numbers (NGSSS in grade 8) • Students have not been prepared in CCSS previous standards to handle the expectations of operations with algebraic expressions
Grade 8	**In Common Core**	• Systems of equations (NGSSS has them to be solved only concretely at grade 8)

Competition News

Carole Halka, Chair

FAMAT Competition Results 2010

The Florida Association of Mu Alpha Theta held its annual state conference April 16-18, 2010 in Orlando. Results are given below for the top 10 ranking teams.

RANK	SWEEPSTAKES	THETA BOWL	ALPHA BOWL	CALCULUS BOWL
1	**Buchholz HS Gainesville (Alachua)**	Buchholz HS	Buchholz HS	Buchholz HS
2	**Rickards HS Tallahassee (Leon)**	Rickards HS	Cypress Bay	Cypress Bay
3	**Cypress Bay HS Weston (Broward)**	Seminole HS (Seminole)	Seminole HS (Seminole)	American Heritage (Plantation)
4	**Seminole HS Sanford (Seminole)**	Lawton Chiles HS	Eastside HS	Stoneman Douglas
5	**American Heritaage Plantation (Broward)**	Lincoln HS	American Heritage (Plantation)	Berkeley Preparatory School
6	**Stoneman Douglas HS Parkland (Broward)**	Cypress Bay	Stoneman Douglas	Spruce Creek
7	**Lawton Chiles HS Tallahassee (Leon)**	Miami Springs High	Rickards HS	Lawton Chiles HS
8	**Berkeley Preparatory School Tampa (Hillsborough)**	American Heritage (Plantation)	Berkeley Preparatory School	Eastside HS
9	**Eastside HS Gainesville (Alachua)**	Berkeley Preparatory School	Lincoln HS	Lincoln HS
10	**Lincoln HS Tallahassee (Leon)**	Stoneman Douglas	King HS Tampa (Hillsborough)	Suncoast Community School (Palm Beach)

FAMAT: Florida Association of Mu Alpha Theta 2011 Schedule

DATE	Region 1	Region 2	Region 3	Region 4	Region 5
January 15	Palm Harbor Statewide				
January 29	Pensacola J. C.	Buchholz	Vero Beach	Tampa Bay Tech	Coral Glades
February 12	NWF	Fleming Island	Haggerty	King	Ferguson
February 26	Seminole Statewide				
March 12	Lawton Chiles	Flagler Palm Coast	Bayside	Cape Coral	Miami Sunset
March 26	TBA				
April 15-16	FAMAT State Convention, Orlando, FL				

AMC10/AMC12 Schedule

- **Contest 10/12A** on **Tuesday, February 8, 2011** and
- **Contest 10/12B** on **Wednesday, February 23, 2011**.

Florida Math League Schedule

High Schools/Tuesdays

Contest #1: October 19
Contest #2: November 11
Contest #3: December 14
Contest #4: January 11
Contest #5: February 22
Contest #6: March 22

PRESIDENT'S MESSAGE – continued from page 1

In remembrance of Dr. Donald Bernard, it is my privilege to announce the creation of the Don Bernard Enhancement Grant in order to recognize the importance of supporting mathematics teachers in the classroom. Dr. Bernard was a retired professor from the University of Florida and had been a member of FCTM since the 1950's. Since his retirement from UF, Dr. Bernard was serving as a consultant supporting math coaching in K-12 schools in Florida. To honor Dr. Bernard, the FCTM board recently established two annual grants in his name. These grants provide $500 in funding to attend the FCTM annual conference and are intended for FCTM members who provide support to mathematics classrooms, though not full time classroom teachers.

Please mark your calendars for the FCTM Fall Conference! All conference events will be held at the Omni Orlando ChampionsGate from September 30th to Oct 2nd. As information regarding the upcoming Fall Conference becomes available, it will be posted on the FCTM website. The hotel and facilities are beautiful and will provide a wonderful backdrop for our conference.

Feel free to contact me – I value your input as we work together to increase the membership of FCTM and to meet the changing needs of mathematics education in the state of Florida. One way for you to get involved in these efforts with me is by serving on the FCTM Board of Directors. Please contact Denisse Thompson if you are interested in running for a position on the 2011 board. Contact information for all board members is available online at www.fctm.net.

Sincerely,

Janet Meinke

Janet Meinke
FCTM President

STUDENT ASSESSMENT

HEATHER MCKENZIE,
MATHEMATICS DEVELOPMENT

For this Student Assessment Update, I will address frequently asked questions about FCAT, FCAT 2.0, and End-of-Course (EOC) Assessments. If you have other questions which have not been addressed here, please feel free to contact Heather McKenzie, Mathematics Development Specialist at mckenzieh@leonschoools.net or Steve Ash, Mathematics Coordinator at ashs@leonschools.net.

1. **Where can I find the Content Focus Reports for the spring 2010 FCAT?**
   The Content Focus Reports for the spring 2010 FCAT were posted in May and can be found at http://fcat.fldoe.org/fccontentfocus.asp. Please keep in mind that this content focus report reflects information from the 2010 test, which assessed items written to the 1996 standards. The 2011 test will be based on the Next Generation Sunshine State Standards (NGSSS) adopted in 2007.

2. **What will be assessed for the 2010 – 2011 school year?**
   The spring 2011 FCAT 2.0 for Grades 3 – 8 will assess the NGSSS adopted in 2007. The tests will include multiple-choice and gridded-response items only. Performance tasks are not included on this assessment. The recently revised reference sheets for Grade 5 and Grades 6 – 8 will be used. For FCAT 2.0, the reference sheets will be distributed separately from the test book. A four-function calculator will be used in Grades 7 and 8.

   The Algebra 1 EOC Assessment will be given in May 2011. It will be computer-based and assess the benchmarks in the Algebra 1 Course Description (1200310). There are multiple-choice and fill-in response (FR) items. A four-function calculator (TI 108), provided online, will be used.

   The Geometry EOC Field Test will be given in May 2011 to a representative sample of schools. Within these selected schools, all grade 9 – 12 Geometry and Geometry Honors students will participate in the field test. It will be computer-based and assess the benchmarks in the Geometry Course Description (1206310). There are multiple-choice and fill-in response (FR) items. A scientific calculator (TI-30XS), provided online, will be used.

The Fall Retake and the Spring Grade 10/Retake will be given for FCAT. The tests assess the 1996 standards. There are multiple-choice and gridded response items only. All fall 2010 FCAT Reading and Mathematics Retakes will be administered in paper/pencil, and will not be computer-based. The Spring 2011 Grade 10/Retake for FCAT Mathematics will be computer-based.

3. **Which assessment(s) will high school students need to take for graduation requirements?**
Students entering 9th grade in 2009 – 2010 were notified in September 2009 that they must achieve a score of 300 or better on the FCAT Mathematics Grade 10/Retake as a graduation requirement. This test will include multiple-choice and gridded-response items that assess the 1996 standards. It will be given in the spring.

   Students entering 9th grade in 2010 – 2011 will be notified in September 2010 of graduation requirements. Students in 9th grade enrolled in Algebra 1 or an equivalent course must take the Algebra 1 EOC as 30% of the course grade. Students in grade 9 who completed Algebra 1 in middle school must participate in this assessment in May 2011 only. This is required for AYP.

4. **Where can I find the assessment schedules for 2010 – 2011?**
The 2010 – 2011 schedules for the Florida Statewide Assessment program were revised and posted to the FDOE website in the following location: http://info.fldoe.org/docushare/dsweb/Get/Document-5478/stwasa.pdf.

5. **Where can I find the Reference Sheets to be used on FCAT, FCAT 2.0, and EOC assessments?**
In May, the revised and final Mathematics Reference Sheets for FCAT 2.0 and EOC assessments were posted at http://sharepoint.leon.k12.fl.us/tdc/external/default.aspx . Click on FCAT Mathematics and find the reference sheets listed. There are no plans for additional reference sheet revisions as long as the 2007 NGSSS standards are assessed.

   Please note that the FCAT Grade 10/Retake Reference Sheet can also be found here. There were no changes to the content of this reference sheet.

6. **When will the revised test item specifications for grades 3 – 5 and grades 6 – 8 be released?**
The Department is currently revising the Draft Test Item Specifications for grades 3 – 5 and grades 6 – 8. All references to performance tasks will be eliminated and other minor changes will be made based on recommendations from our FCAT Mathematics Content Advisory committee. The current proposed schedule is to release the revised item specifications in winter 2010 – 2011.

7. **When will the test item specifications for the End-of-Course Assessments be released?**
On July 6, 2010, the *Draft Algebra 1 End-of-Course Assessment Test Item Specifications* were posted on the FDOE website in the following location: http://fcat.fldoe.org/eoc/itemspecs.asp. As of the time that the *Draft Algebra 1 End-of-Course Assessment Test Item Specifications* were developed, the final determination of reporting categories and their weights had not yet been made. When this final determination is made, supplemental material will be posted to the FDOE website, and school districts will be notified. The Department produces item specifications to guide the development of statewide assessment questions. Their primary purpose is to establish the Department's guidelines for test item writers and reviewers so items are written to measure the concepts in each assessed benchmark.

   The *Draft Geometry End-of-Course Assessment Test Item Specifications* are in production. These are tentatively set to be released in mid-to-late fall. Information will be shared with District Coordinators of Assessment and FCTM and FAMS members as soon as these are released.

8. **Where can I find other information about FCAT, FCAT 2.0, and EOC assessments?**
The Florida Department of Education website has been revised. The Office of Assessment can be found at: http://www.fldoe.org/asp/. Scroll to the section: K – 12 Student Assessments. The K – 12 assessment programs provide information about student learning in Florida and include the following assessment programs:
   - FCAT: Florida Comprehensive Assessment Test
   - FCAT 2.0 (beginning in the 2010 – 2011 school year)
   - End-of-Course Assessments (beginning in the 2010 – 2011 school year)

Also, the Test Development Center will be presenting at the FCTM Conference in Orlando in the fall. Further updates will be given at this time.

Our presentations can be found at http://sharepoint.leon.k12.fl.us/tdc/external/default.aspx. Click on the Mathematics folder to find Adobe PDF files of the presentations.

FCTM Membership News

Statistics

As of May 11th, 2010, FCTM has 1,319 members.
This is up 23 members since the January Board meeting.

MEMBERSHIP BY REGION

Region I	**70 members**	**Region VIII**	**78 members**
Region II	**48 members**	**Region IX**	**74 members**
Region III	**25 members**	**Region X**	**417 members**
Region IV	**57 members**	**Region XI**	**39 members**
Region V	**135 members**	**Region XII**	**75 members**
Region VI	**68 members**	**Region XIII**	**112 members**
Region VII	**39 members**	**Region XIV**	**41 members**

Out-of-state or country: 41 members

Congratulations to the following regions that have increased membership since January:

Region I +26 members = 59% increase!
Regions III, V, & XII +1 member!
Region VII +2 members!
Region VIII +17 members = 28% increase!
Region IX +7 members = 10% increase!

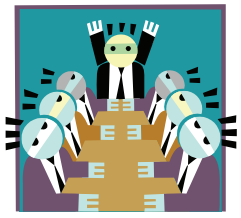
REMINDERS:

Please be sure to send any change of address information to:

Diane Gard, PO Box 411884, Melbourne, FL, 32941-1884

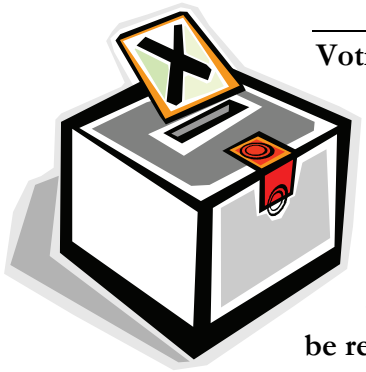
in order to insure receipt of FCTM publications.

Membership forms can be downloaded from the FCTM website at www.fctm.net



Elections Information

Voting and Absentee Ballots



Voting will be held Friday October 1st, 2010 during the FCTM Annual Conference in Orlando. All eligible voters must be a **member of FCTM no later than July 1st, 2010**. Votes may be cast between 10:00 am and 2:00 pm in a location near the exhibit area. If a member is unable to attend the conference, **an absentee ballot may be requested no later than August 27th, 2010**. Requesting an absentee ballot relinquishes a member's right to vote on-site at the FCTM Annual Conference. **Returned Absentee ballots must be received by Friday, September 24th, 2010**.

Requests for absentee ballots should be mailed to:
Joyce Hawkins
612 N.W. 9th Street
Hallandale Beach, Florida 33009

ALL FCTM MEMBERS ARE ENCOURAGED TO PARTICIPATE IN THIS ELECTION.
It is your right and responsibility as a member of FCTM.

Nominees for the October 2010 Election

President-Elect

Jill Nielsen: Jill Nielsen, an active member of FCTM for 20 years, has served as Region Director, Curriculum/Best Practices Chairperson, and Pasco CTM President. For several successful state conferences, Jill worked as Special Events Chairperson. Former Pasco County secondary teacher and current mathematics supervisor (K-12), Jill has worked on many state committees, including FCAT, Office of Math and Science, and Problem-Solving/Response to Instruction/Intervention. Jill has shared performance tasks, standards alignments, and vocabulary strategies with teachers and supervisors at meetings and in FCTM publications. Jill is best known for creating and presenting "Math Tunes," an innovative musical approach to mathematics concepts and vocabulary.

Vice-President – College

Rick Austin: Rick Austin is currently an associate professor of mathematics education at the University of South Florida. Rick has been at USF for the last 20 years. He has served FCTM as a co-editor of the journal, *Dimensions in Mathematics*, from 2003 until 2009 and is continuing to serve as the current editor. He was active on the subcommittee that revised the FCTM Constitution and the By-Laws. For the last two years he has also been the elected Vice-President for College.

Erhan Selcuk Haciomeroglu: Erhan Haciomeroglu is an Assistant Professor of Mathematics Education at the University of Central Florida where he is the advisor for undergraduate and graduate programs. He received his bachelor's degree in mathematics from Cukurova University and his master's and doctoral degrees in mathematics education from Florida State University. His research interests include the role of visualization and representations in teaching and learning calculus. He has published and made presentations on topics related to students' learning of calculus. He teaches methods courses in mathematics education and encourages students who wish to teach middle and high school mathematics.

Vice-President – Middle School

Pam Guyton: Pam Guyton has just completed her 20th year as an educator. Pam has served in many capacities on her local Math Council and is the current Vice-President for Middle School for FCTM. She received her master's degree at the University of Central Florida and is currently working on her doctorate. Pam is actively involved with curriculum writing and standards research and is a Teacher Leader in Orange County. Chosen four times as Teacher of the Year at the school level, Pam was recently one of five county finalists for Orange County Teacher of the Year. Pam is passionate about teaching mathematics and making it relevant to the real world.

Treasurer

Vicki Goggans: Vicki Goggans is a mathematics teacher at Okeechobee High School in Okeechobee County. She has just completed her 16th year of teaching, including 12 years at middle school and 4 years at high school. She currently serves as the Math Contact person for her county and as the President of the Okeechobee Council of Teachers of Mathematics. She has been a school and district Teacher of the Year and a Florida Presidential Awardee for Excellence in Teaching Mathematics. She has enjoyed serving as FCTM Treasurer and would be honored to serve the members of FCTM in this capacity for another term.

Region II Director

Paige Allison: Paige Allison is a mathematics educator and educational anthropologist. Her Ph.D. in educational anthropology rests on the foundation of bachelor's and master's degrees in mathematics education and 25 years experience as a public school, college, and university instructor in Alachua and Marion counties. Currently she teaches mathematics at P.K. Yonge DRS as well as middle school and multicultural mathematics methods at the University of Florida. She is currently president of the Florida Association of Mathematics Teacher Educators and serves on the FCTM Board of Directors (FAMTE seat). She is a past president of Alachua County Teachers of Mathematics and looks forward to continued service to FCTM.

Region IV Director

Claire Redmond: Claire Redmond is currently a primary educator in Jacksonville, Florida. She is dedicated to the craft of teaching, and has received many notable awards. She was Mathematics Educator of the Year for Duval County and received the Future Leaders Initial NCTM Annual Meeting Award. Claire is an active member of the Duval Elementary Mathematics Council (DEMC), FCTM, and NCTM. She has presented at the DEMC users' conference and at the FCTM annual conference. Redmond has also written curricula guides, provided professional development, and developed formative assessment tasks for the Florida Center for Research in Science, Technology, Engineering, and Mathematics.

Region VI Director

Margaret Bambrick: Margaret Bambrick has worked for Volusia County Schools for over thirty years as a high school mathematics teacher, high school assistant principal, and mathematics specialist. Currently she is serving as the Volusia County Mathematics Specialist, K-12. She has been an active member and leader in the Volusia Council of Teachers of Mathematics, as well as serving as committee chairperson for several FCTM, NCTM, and T^3 Conferences. You can often find her presenting at conferences about using technology to enhance mathematics instruction. She currently lives in DeLand where she attended Stetson University and serves as the Region VI Director for FCTM.

Region VIII Director

Ricardo Bellón: Ricardo S. Bellón is a mathematics teacher at Suncoast Polytechnical High School in Sarasota, FL. Ricardo has taught for 29 years and is certified in mathematics K-12, elementary education, and has endorsements in ESOL and middle school education. He was selected as Suncoast Polytechnical High School's Teacher of the Year in 2009. He has been an active member of FCTM since 1983 and has served on several committees of the National Council of Teachers of Mathematics, most recently serving on NCTM's program committee for the 2005 Anaheim national meeting. Ricardo is currently serving as President of the Sarasota Council of Teachers of Mathematics.

Region X Director

Caelethia Clemons: Caelethia Clemons is a Middle School Mathematics Coach in the school District of Palm Beach County. She has been a mathematics educator for 8 consecutive years. Currently she serves as the Membership Chair for her local PBCCTM organization and was recently recognized as a finalist for the PBCCTM teacher of the year award. This year Caelethia coached a team of students to participate in the Florida Education Fund (F.E.F) Brain Bowl, held in Orlando Florida, where her team placed third in the Middle School division. She remains active in professional organizations and has the desire to lead and serve.

Steve Selby: Steve Selby has been an associate professor of mathematics at Palm Beach Atlantic (PBA) University since the fall of 2001. Prior to PBA, he taught high school mathematics for thirty-two years. He is a member of the Palm Beach County Council of Teachers of Mathematics (PBCCTM), the Florida Council of Teachers of Mathematics, the National Council of Teachers of Mathematics, and the Florida Association of Mathematics Teacher Educators (FAMTE). Steve is currently the treasurer of FAMTE, the NCTM and FCTM representative for PBCCTM, and has been the Region X Director for 6 years. He has presented at regional, state, and local conferences.

Region XII Director

Tanya Hutkowski: Tanya Hutkowski is a nominee for Region XII Director. She has been a teacher for the Broward School District for the past 18 years. During that time she has been a classroom teacher for 11 years, a math special teacher for 6 years, and a math coach for the 2009-2010 school year. Her other math experiences include being the South Area Director for the BCCTM for the past 5 years, serving as a district math trainer, writing and facilitating mathematics courses for Broward Virtual University, and being named the Broward County Elementary Mathematics Teacher of the year.

Region XIV Director

April Cruz: April Cruz is a growing learner and leader of mathematics education. She has taught many levels and courses of mathematics, reaching from inner-city students to those in the Advanced Placement program. April currently teaches AP Calculus AB, AP Statistics, Precalculus, and Algebra 2 at East Lee County High School in Lehigh Acres, FL. She also teaches math to Upward Bound students at Edison State College. In addition, April is highly involved in district level leadership activities such as curriculum writing, technology training, and professional development cohorts. Finally, April is committed to mastery and is currently undergoing graduate work in mathematics at Florida Gulf Coast University.

2011 FCTM Elections

In 2011, we will be selecting members for the FCTM Board of Directors for the following positions. We encourage all interested members to apply. Nominations are normally due in May of each year.

- ★ **Vice-President – Elementary**
- ★ **Vice-President – High School**
- ★ **Secretary**
- ★ **Region I Director**: Bay, Escambia, Holmes, Okaloosa, Santa Rosa, Walton
- ★ **Region III Director**: Calhoun, Franklin, Gadsden, Gulf, Hamilton, Jackson, Jefferson, Leon, Liberty, Madison, Taylor, Wakulla, Washington
- ★ **Region V Director**: Hernando, Lake, Pasco, Pinellas, Sumter
- ★ **Region VII Director**: Hillsborough, Polk
- ★ **Region IX Director**: Orange, Osceola, Seminole
- ★ **Region XI Director**: Miami-Dade
- ★ **Region XIII Director**: Brevard, Indian River

Eligibility to Serve on the Board of Directors

Vice-Presidents

Vice-Presidents serve for two fiscal years. They may serve for consecutive terms.

Secretary

The Secretary serves for a two-year term. The Secretary may serve consecutive terms.

Region Directors

Region Directors must work or reside in the region they represent. Region Directors may serve consecutive terms.

Responsibilities for the Elected Offices (Based on the FCTM Bylaws)

Section 4. Vice Presidents of Elementary, Middle/Junior High, High School, and College

1. Coordinate all activities of FCTM that are related to the level of instruction designated by the office held.
2. Serve as a member of the Board of Directors, the Executive Committee, the Curriculum/Best Practices Committee, the Grants and Awards Committee and the Treasurer's Audit Committee.
3. Serve as a resource person to the FCTM Annual Conference Program Committee.
4. Serve as an ex-officio member of the Membership Committee.
5. Present report at the Board of Directors' meetings and submit report for publications.
6. Referee articles submitted for the FCTM journal, *Dimensions in Mathematics*.
7. Perform other duties as assigned by the President.

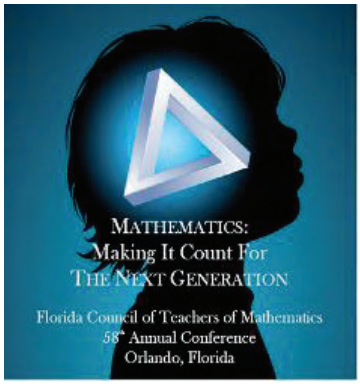
Section 5. Secretary

1. Serve as a member of the Board of Directors and the Executive Committee.
2. Record the proceedings of all meetings of the Council, Board of Directors, and the Executive Committee.
3. Present the records for information and approval at meetings.
4. Keep the records in a manner acceptable to the Board of Directors.
5. Correspond for the Council as directed by the Board of Directors.
6. Perform other duties as assigned by the President.

Section 7. Region Directors

1. Serve as a member of the Board of Directors, the Membership Committee, and the FCTM Leadership Conference Committee.
2. Serve as the liaison between FCTM and Affiliate Groups in their regions.
3. Maintain up-to-date contact information for each Affiliate Group in their region.
4. Provide up-to-date contact information for each Affiliate Group in their region to the FCTM Membership Chair.
5. Provide assistance and support to existing Affiliate Groups in their regions.
6. Promote the development of new Affiliate Groups in their region.
7. Serve as a resource person for an FCTM Annual Conference held in their region.
8. Present regional reports at the Board of Directors' meetings and submit reports for the FCTM newsletter, *Additional Dimensions*.
9. Perform other duties as assigned by the President.

Make It Count!



FCTM

Florida Council of Teachers of Mathematics

58th Annual State Conference

September 30th – October 2nd, 2010

Omni Orlando Resort at ChampionsGate

Registration and Hotel Information at:
www.fctm.net



- Opening Session - Greg Tang, author of *Grapes of Math*
- Closing Session - Cathy Seeley, Past-President of the National Council of Teachers of Mathematics
- Over 200 sessions and workshops for mathematics educators
- Updates from the Department of Education and from the FCAT Test Development Center
- Sessions aligned to the *Next Generation Sunshine State Standards*
- Over 70 vendors in the Exhibit Hall
- *Rock 'n Roll Mathematics Game Night* on Friday evening with a live band

Join other dedicated educators to learn new strategies
to improve and enhance mathematics knowledge for all!

58th ANNUAL CONFERENCE

FLORIDA COUNCIL OF TEACHERS OF MATHEMATICS

Registration Form

"Mathematics: Making It Count for the Next Generation"

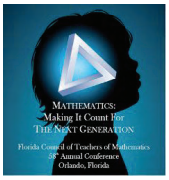
2010 Annual Conference

Omni Orlando Resort @ ChampionsGate

Orlando, Florida

September 30th – October 2nd, 2010

58th ANNUAL CONFERENCE



PLEASE TYPE OR PRINT ALL ENTRIES TO ENSURE ACCURATE INFORMATION AND PROCESSING

Name _____
Last First Middle

Exhibitor/School/Affiliation _____ **E-Mail**_____

Mailing Address _____

_____
City County State Zip Code

( ) _____ ( ) _____ ( ) _____ _____
Home Phone Work Phone Fax School District/County

Special Needs: _____
(Special needs requests as defined by ADA must be submitted to Ricardo Bellón (941)954-0489 by September 3, 2010)

REGISTRATION FEES

➤**FCTM Membership (ALL registrants must be FCTM members)**		
Membership expires on or after November 1, 2010	$ 0.00	_____
Membership expires prior to November 1, 2010	$25.00	_____
New/Renew Membership	$25.00	_____
➤*Early Registration post-marked **prior** to **September 16, 2010***		
EXCLUDING Closing Session with Keynote Speaker	$65.00	_____
INCLUDING Closing Session with Keynote Speaker*	$85.00	_____
➤***Full Time Undergraduate (NOT GRADUATE)Students***		
(Include copy of your Fall 2010 schedule showing 12 or more semester hours)		
Registration includes FCTM Membership		
EXCLUDING Closing Session with Keynote Speaker	$12.50	_____
INCLUDING Closing Session with Keynote Speaker*	$32.50	_____
➤*Registrations post-marked **after September 16, 2010,** must include an additional $20.*	$20.00	_____
➤**TOTAL ENCLOSED** **Check No.**_____		_____

***Ticket Required for Closing Session on Saturday**. Receipt will **NOT** be accepted for admission. (Meal included)

A check or money order MUST accompany registration. Please make check or money order payable (in U.S. currency only) to "FCTM 2010". PURCHASE ORDERS and FAX registrations will NOT be accepted.
All returned checks subject to $25.00 service charge.

Registrants from outside the mainland USA should pre-register and pay on-site using CASH (U.S. currency only). Please contact the registration chairperson, Ricardo S. Bellón at ricardobellon.fctm2010@gmail.com prior to mailing registration form.

A PHOTO ID WILL BE REQUIRED UPON ARRIVAL AT REGISTRATION. Participants may not share a single registration.

Mail To: FCTM Conference 2010, C/O Ricardo S. Bellón, 1974 Datura Street, Sarasota, FL 34239

PLEASE PHOTOCOPY PRIOR TO MAILING FOR YOUR RECORDS

*******NOTICE*******

Photos taken during the conference by authorized FCTM agents, of activities and participants, are the property of FCTM. Photos may be used for promoting or displaying FCTM activities in print or digital media.

NO REFUNDS AFTER September 16, 2010

Any registration received after September 16, 2010, will require on-site registration.
For Hotel Reservations visit, http://www.fctm.net or http://www.sctmfl.com
For hotel tax exemption, your room must be purchased by your school district with the proper tax exempt number.

Attention all Affiliates!!

Annual Leadership Conference
Omni Orlando Resort at ChampionsGate
September 11th – 12th, 2010

The Florida Council of Teachers of Mathematics (FCTM) is planning its **ANNUAL MATHEMATICS LEADERSHIP CONFERENCE** for officers of its affiliated groups on September 11-12, 2010 at the ChampionsGate in Orlando! The conference venue is breathtaking and can accommodate our entire conference. Visit the hotel website at:
http://www.omnihotels.com/FindAHotel/OrlandoChampionsGate.aspx

Only FCTM members may attend the Leadership Conference. Registration is $5 for members. (Non-members may attend by paying a $30 registration fee that includes an FCTM membership.) FCTM will reimburse each affiliate group that attends the conference for mileage for one vehicle and lodging for one room (one night).

By attending, affiliate officers will learn about the Next Generation Sunshine State Standards, FCAT, and the latest news about mathematics, nationally and statewide. At this meeting, there will be an opportunity to learn more about the vision of FCTM and network with others to help bring new members into your local affiliate. You will also learn about new products sponsored by some vendors at the social functions.

We appreciate your support and hope to have all local mathematics affiliates represented at the Leadership Conference. More information will be sent directly to your affiliate and will be available on our website at www.fctm.net.

All affiliates should contact Zachary Champagne with your President's name, address and other contact information, as Leadership Conference information will be mailed out using the latest information that has been received.

If you have any questions, please e-mail **Zachary Champagne** at champagnez@duvalschools.org.

Florida Council of Teachers of Mathematics

www.fctm.net

ANNUAL LEADERSHIP CONFERENCE

ChampionsGate Orlando, Florida
September 11-12, 2010

REGISTRATION FORM

Registration Deadline: August 31, 2010

ATTENDEES: *(Please complete for all attendees from your affiliate who will be attending the Leadership Conference.)* NOTE: All attendees must be FCTM members. (Nonmembers may attend by paying a $30 registration fee that will include FCTM membership.)

Name	E-Mail Address	Home Phone Number	FCTM Member	
			Yes	No

REMINDER: FCTM will reimburse <u>one room only</u> (one night) <u>for each affiliate group</u> (up to four persons in a room). FCTM will also reimburse mileage at the state rate for one car from each affiliate.

REGISTRATION FEE:

❖ FCTM Member: $5 ❖ Nonmember: $30*

*Includes membership fee.

PAYMENT:

Name of affiliate: _____

County: _____

Number of FCTM members attending: _____ @ $5 each = _____

Number of nonmembers: _____ @ $30 each = _____

TOTAL DUE: _____

Make checks payable to FCTM and send with Registration Form to:

Zachary Champagne
7820 Baymeadows Road East #133
Jacksonville, Florida 32256

Kenneth P. Kidd Mathematics Educator of the Year Award

Mathematics educators are eligible if they meet the following criteria, as established by the FCTM Board of Directors.

1. The person shall have been actively involved in mathematics education in Florida for at least ten (10) years.
2. The person has been professionally active and has made a significant contribution at the local, state, and/or national level.

For the nominee, please send the following information:

a. Name, home address, and phone number
b. Work address and phone number
c. Educational Background
d. Experience in the field of mathematics education
e. Professional activities
f. Your name and address.

In order to receive the nomination packet or for additional questions, please contact:

Renee Henry
FCTM Grants and Awards Chair
2981 Blairstone Court
Tallahassee, FL 32301
Phone: 850-878-2563
FAX: 850-878-4707

or apply online at the Grants & Awards section of our website at www.fctm.net

****Completed Packets are due by August 31st, 2010****

Mathematics Educators of the Year
Past Kenneth P. Kidd Award Recipients

1976	Mary Nesbit, Dade County, FL	1993	Dr. Charles Andy Reeves, St. Petersburg, FL
1977	Ruth Bower, West Palm Beach, FL	1994	Renee Henry, Tallahassee, FL
1978	George Rule, Orlando, FL	1995	Dr. Don Bernard, Gainesville, FL
1979	Baker Holman, Pensacola, FL	1996	Margaret Hackworth, Pinellas County, FL
1980	Mary Elizabeth Sullivan, Dade County, FL	1997	Dr. Charles Aplin, Ft. Walton, FL
1981	Ernest Burgess, Boca Raton, FL	1998	Nicky Walker, Milton, FL
1982	JoAnne Taber, Miami, FL	1999	Barbara Nunn, Coral Springs, FL
1983	Arthur T. Minor, Palm Harbor, FL	2000	Suzanne Davis, Largo, FL
1984	Bill E. Jordan, Winter Park, FL	2001	Carol Newman, Plantation, FL
1985	Richard A. deAguero, Miami, FL	2002	Roger L. O'Brien, Bartow, FL
1986	Herbert Johnson, Clearwater, FL	2003	Karen R. Swick, Lake Worth, FL
1987	Laurence R. Wantuck, Hollywood, FL	2004	Dr. Denisse Thompson, Lutz, FL
1988	Dr. Betty Lichtenberg, Temple Terrace, FL	2005	Dr. Karol Yeatts, Miramar, FL
1989	Dr. Elroy Bolduc, Gainesville, FL	2006	Susan McNally, Ft. Myers, FL
1990	Dr. Douglas Brumbaugh, Chuluota, FL	2007	Carol Martin, Lake City, FL
1991	Dr. Tom Denmark, Tallahassee, FL	2008	Carole Halka, Ft. Lauderdale, FL
1992	Dr. Donovan Lichtenberg, Temple Terrace, FL	2009	Debbie Gillis, Okeechobee, FL

Applications for all grants are now accepted online!
Please visit the Grants & Awards section of www.fctm.net

FCTM Grants

Kenneth Kidd Grant Award

*****FCTM sponsors mini-grants of up to $500 for projects to improve mathematics education*****

The Board is looking for high quality projects that will improve mathematics education at any level. Projects which have been funded in the past include writing guidelines for competitions at the elementary level, developing monthly activities for each grade level in an elementary school, organizing community resources, etc. Project ideas will be judged on originality, uniqueness, and the potential impact on teachers and students.

Any FCTM member with **four years of experience in the State of Florida** may apply. **The annual deadline for applications is May 1st**. The person receiving the grant will submit a written reflection about the project's implementation and success, to be included in FCTM's journal or newsletter.

Apply online with the following information:

1. **Experience teaching mathematics** (beginning with current year), **School**, **Level**, **Dates**
2. **Narrative** (500 words maximum) to include:
    a. specific objective(s)
    b. description of products (if any)
    c. how you will determine the success of your grant
3. **Budget outline** including proposed timeline for expenditure or grant funds
4. **Name of reference** supporting the grant award (principal, department chair, math supervisor or college professor). Your reference will be contacted for verification.

Tom Denmark Teacher Enhancement Grant

In the 1990's, the FCTM Board established four annual grants in recognition of Dr. Tom Denmark, a long time active FCTM member. Through these grants, the Board hopes to encourage participation at annual FCTM Conferences as a way to provide good mathematics professional development for FCTM members.

Enhancement Grants for up to four teachers to attend the annual FCTM Conference will be awarded, one each, to a Primary (Pre-K-2) teacher, an Intermediate (3-5) teacher, a Middle School (6-8) teacher, and a High School (9-12) teacher. **The annual deadline for applications is May 1st**. Recipients of these awards will be notified in late May of their selection. They will be required to submit a report on their session and workshop experiences encountered at the annual conference along with their receipts for reimbursement, no later than November 30. The FCTM Treasurer will send a check to each recipient upon receipt of these materials.

Each recipient of the grant will be reimbursed up to $500. This will help cover the cost of registration, room, and transportation to attend the FCTM Annual Conference. Any additional monetary expenses over the $500 grant that are incurred by the recipient will be at their own expense. It is hoped that if additional funding is necessary the recipients may seek support from their Principal or District for the additional funds, such as inservice dollars or other professional development sources of funding. **This money may not be used for FCTM dues, food, or substitute pay.

Who May Apply:

a. Any full time classroom teacher currently certified and teaching in the state of Florida may apply.
b. Applicants must have at least a bachelor's degree.
c. Applicants must be teaching mathematics at the time of the application and anticipate teaching mathematics during the following year.
d. Applicants must be members of FCTM.
e. Current FCTM Board Members and past recipients of this award may not apply.

Interested teachers are invited to submit an online proposal.

Applications for all grants are now accepted online!
Please visit the Grants & Awards section of www.fctm.net

FCTM Grants

Lichtenberg Pre-service Educator Grant

Any Florida college or university full-time pre-service educator in his/her junior or senior year may apply for this grant. **The annual deadline for application has been extended to September 1st**. The grant will reimburse awardees up to $500 for transportation, room, and registration expenses to attend FCTM's Annual Fall Conference. Pre-service educators who receive this grant will be required to write about their experiences in a form suitable for one of FCTM's publications prior to reimbursement. An electronic copy of the manuscript and receipts for reimbursement must be submitted to the FCTM treasurer no later than December 1. Up to four grants may be awarded each year. It is expected that all awardees will be from different institutions.

Apply online with responses to the following questions:

1. Describe the type of teacher of mathematics (Pre-K to 12) you would like to become.
2. Explain how attending the FCTM conference will help you attain your goal as a teacher of mathematics.
3. How will you share what you have learned with other preservice mathematics educators at your university/college?

Don Bernard Enhancement Grant

In 2010, the FCTM Board established two annual grants in recognition of Dr. Don Bernard, a long-time active FCTM member who supports mathematics teachers in a variety of ways. Through these grants, the board hopes to encourage participation at annual FCTM Conferences as a way to provide good mathematics professional development for FCTM members who provide support to mathematics classrooms though not a full-time classroom teacher.

Two grants will be awarded to attend the annual FCTM Conference. **The annual deadline for applications is May 1st**. Recipients of these awards will be notified in late May of their selection. They will be required to submit a report on their session and workshop experiences encountered at the annual conference along with their receipts for reimbursement, no later than November 30. The FCTM Treasurer will send a check to each recipient upon receipt of these materials.

Each recipient of the grant will be reimbursed up to $500. This will help cover the cost of registration, room and transportation to attend the FCTM Annual Conference. Any additional monetary expenses over the $500 grant that are incurred by the recipient will be at their own expense. It is hoped that if additional funding is necessary the recipients may seek support from their Principal or District for the additional funds, such as, inservice dollars or other professional development sources of funding. **This money may not be used for FCTM dues, food, or substitute pay.

Who May Apply:

a. Anyone who provides support to mathematics classrooms though not a full-time classroom teacher.
b. Applicants must have at least a bachelor's degree and hold a valid Florida teaching certificate.
c. Applicants must be members of FCTM.
d. Current FCTM Board Members and past recipients of this award may not apply.

Interested parties are invited to submit an online proposal.

For any of the above grants/awards:
If you do not have internet access to apply online, please contact Renee Henry for paper applications:
Renee Henry, FCTM Grants and Awards Chair, 2981 Blairstone Court, Tallahassee, FL 32301, Phone: 850-878-2563

FCTM Membership Application
(Individual or Affiliate Group)

FCTM appreciates your continued support of our organization. Please share this form with other mathematics teachers, administrators, and college students, encouraging them to become members of their state mathematics organization.

FLORIDA COUNCIL OF TEACHERS OF MATHEMATICS (FCTM)

Regular Membership (one year)	$25.00
Regular Membership (two years)	$50.00
Full-time Student Membership *(send official class schedule)*	$12.50

Please make checks payable to FCTM.
Mail to:
Diane Gard
P.O. Box 411884
Melbourne, FL 32941-1884

NAME _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____ COUNTRY _____

HOME PHONE _____ WORK PHONE _____ FAX _____

EMAIL _____

SCHOOL or BUSINESS NAME _____

COUNTY FOR VOTING PURPOSES _____

The FCTM *Additional Dimensions* Newsletter is published twice each year by the Florida Council of Teachers of Mathematics. Submission of Items - Each news item or article may be sent as a Word document attached in an email to: Lisa.Shin@heartlanded.org

Dimensions in Mathematics Journal is also published twice each year by FCTM. Submissions can be sent to: Dimensions in Mathematics, University of South Florida, 4202 East Fowler Avenue, EDU 162, Tampa FL 33620

FCTM Board of Directors
Executive Committee

President: Janet Meinke, *Marathon*

Past-President: Denisse Thompson, *Lutz*

Vice President College: Rick Austin, *Tampa*

Vice President High School: Rachel Lutz, *Belle Glade*

Vice President Middle School: Pam Guyton, *Orlando*

Vice President Elementary: Cindie Donahue, *Wesley Chapel*

Secretary: Cheri Matheson, *Niceville*

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FCTM Newsletter
Lisa Shin
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