

Greater Dane County Talented & Gifted Network

2011 - 2012

Math Meets

5th & 6th Grade / 7th & 8th Grade

Coordinator's Instructions
Meet Rules and Regulations

Mission Statement

The mission of the Greater Dane County Talented and Gifted Coordinators' Network is to be a collaborative support group, a professional network, an advocate for gifted education, and a conduit for opportunities and services to school districts, gifted students, and their families.

Chairperson

Kitty Ver Kuilen - Evansville/McFarland

Greater Dane County Talented & Gifted Network

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Materials available on the Greater Dane County Talented & Gifted Coordinators Network website:

www.greaterdanetag.org

- Last Year's Mega Math Test
- Last Years Regional Math Meet tests, Answer Keys and Test Explanations
- Grade level Math Meet Screeners, Student Sheet & Answer Keys
- Power Point for Certificates for Highest Individual Score First through Fifth place

Math Meet Program Goals

1. To stimulate interest in mathematics.
2. To recognize exceptional mathematical talent.
3. To provide a healthy academic environment.
4. Support the National Council Of Teachers of Mathematics Standards.

National Council of Teachers of Mathematics

The NCTM Standards reflect the importance that society places on reasoning and problem solving and research in how children learn. The Standards recommend strengthening mathematics teaching and learning by shifting practice in multiple areas:

- ✧ Curriculum: shifting toward a deeper study of mathematical concepts and a broader study of mathematical content areas, along with their uses in today's world.
- ✧ Learning: shifting toward more active student involvement with mathematics and the use of a variety of appropriate mathematical tools for solving problems.
Teaching: shifting toward creating classrooms that are stimulating learning environments in which all students have the opportunity to reach their full mathematical potential.
- ✧ Assessment: shifting toward assessment that is ongoing, continuous, and multifaceted.

NCTM 97-98 Handbook, NCTM Goals, Leaders & Position Statements:

- to develop a deep conceptual understanding in order to make sense of mathematics. Students need to know not only how to apply skills and knowledge, but also when to apply them and why they are being applied.
- to master specific knowledge necessary for its application to real problems, for the study of related subject matter, and for continued study in mathematics.
- to learn and view mathematics as a way of thinking about and interpreting the world around them.
- to recognize that mathematics is a creative part of human culture in much the same way as music or fine art.

Historic Description

The Dane County Math Meet is not a new concept, but forming a consortium of schools in the area for the purpose of competing in the area of mathematics is. The Math Meet originated in the Sun Prairie Area School District in 1981 and was coordinated by Tom Bindl, fourth grade teacher, and Gary Hanson, high school math teacher. The purpose of the Math Meet at that time was to recognize and encourage exceptional mathematical talents.

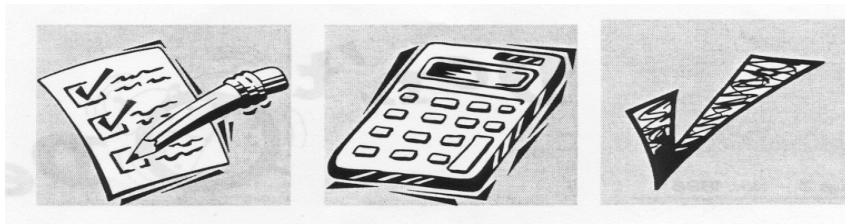
And so a tradition began. As it continued to grow, it included Wisconsin-Talented and Gifted Outreach. It now includes the schools that are members of the Greater Dane County Talented and Gifted Coordinators Network. All students in 5th through 8th grade in each school district in the area have the opportunity to take the initial screener provided to determine if there is a readiness to compete at the regional level.

Once all schools in each area screen for students, teams are formed and a local meet is held with the direction of the Gifted and Talented Coordinator in each school district. The coordinator organizes the local meet so many children have the opportunity to practice and be exposed to an event which is similar to the Regional Math Meet.

Regions exist around the Madison area which represent schools and students for the Math Meet. Each region rotates hosting the regional math meet every other year. The host schedule is included in the booklet. Each regional host is responsible for completing a successful math meet each year. Support is provided to each of the regional hosts via the chairs of the committee.

A Regional Math Meet winning team is determined, and that team advances to the Mega Meet, which is sponsored by the University of Wisconsin Madison Math Department or Edgewood College. Students participate with students of like ability both in individual and team events. Awards and ribbons are given to students.

Students participating at any level in the math meet have the opportunity to work individually and also as a team to explore various areas of mathematics. It is our hope that we stimulate increased interest in mathematics which provides for healthy academic challenge and achievement.



Math Meet Committee Responsibilities

The Math Meet Committee will perform or oversee the following:

- 1 Announce at GDCTAGCN meetings information about the Regional Math Meets.
- 2 Locate and work with regional test writer.
- 3 Locate and work with regional test proofreader.
- 4 Work closely with the GDCTAGCN treasurer for billing, expenses, and participating membership.
- 5 Confirm the number of districts participating at each regional meet with the host site coordinator.
- 6 Purchase **AWARDS** for the teams as follows:
 - The Highest Scoring Team, 1st Place, will receive a **First place trophy** for their school, and neck ribbons and medals for each member of the team.
 - The 2nd place team members will receive the **2nd Place Trophy** and red 2nd place ribbons for each member of the team. There will be no ties for first place or second place.
 - Purple **Participation Ribbons** for all 5/6 Grade Math Meet team members.Deliver awards to the hosts at the January GDCTGN meeting.
- 7 Supply a copy of the Regional Test to host sites before March 1st.
- 8 Supply certificate awards for top 5 individual student scores for each regional.
- 9 Supply certificate awards for each **district's** top 2 highest individual scores.
- 10 Supply the participating districts with a screener and a copy of the previous year's Mega Math Meet problems and answer keys.
- 11 Notify UW-Madison/Edgewood of the Regional Teams that will continue the math challenges at the Mega Math Meet.
- 13 Attend the Mega Math Meet if possible.
- 14 Assist UW Mathematics/Edgewood, in anyway possible.

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Time Line

- September: GDCTAGCN meeting. Determine participation in math meet.
- October: REMINDER: All participation forms and payments must be received by the GDCTAGCN Treasurer by October.
- November: The assigned committee member will order all ribbons and trophies in November.
- Host schools select possible days for the 5th and 6th grade and 7th and 8th grade regional math meets and inform other schools.
- January: Ribbons, trophies and tests are delivered to the host schools at the January, GDCTAGCN meeting. Teams should be selected by the end of January
- February: Local selection of teams. Each gender should be represented on the eight member teams. Regional dates selected. Host schools order materials and refreshments.
- March: Chairperson sends a copy of the official regional test to regional sites. Host schools review Host Site Responsibilities. Hosts call Chairperson if necessary to review procedures and materials.
- Regional Math Meet: All Regional Math Meets are to be held by.
- After Regional Meet: Fax or mail the winning Regional Math Meet Team form and Team Summary Form to Lisa Nyenhuis for 5th & 6th and Laura Borsechnik for 7th & 8th.
- May Mega Meets: University of Wisconsin-Madison - May 20, 2010
Edgewood College - May 19, 2010

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Math Meet Committee Assignments 2010-2011

Committee Members: Chairperson, Kitty Ver Kuilen, Evansville & McFarland; Lisa Nyenhuis, McFarland; Laura Borsecnik, Stoughton; Susan Gorski, Albany; **Booklet Revision & Host School**

Schedule: Kitty, Laura

Regional Awards: Susan

Test Writer: Kitty Ver Kuilen

7/8 Mega Meet @ Edgewood Contact: Laura Borsecnik

5/6 Mega Meet @ UW-Madison Contact: Lisa Nyenhuis

Electronic Sample Tests & Screeners: Kitty sends to Webmaster, Lynda Olieni

Electronic Certificates: Kitty Ver Kuilen

Thanks You Notes to Hosts:

| Date | Task | Assignment |
|---------------|---|---------------------|
| Sept | Discuss revisions to the book | All |
| Sept | Revise booklet | Kitty Ver Kuilen |
| Oct | Contact Edgewood (Diane Benjamin) to select date for 7/8 Mega Meet | Laura Borsecnik |
| Oct | Contact UW-Madison (Ken Ono) to select date for 5/6 Mega Meet | Lisa Nyenhuis |
| Oct 15 | Gather registrations for Math Meet from Treasurer | Martha Barlow |
| Oct | Revise Host Schedule | Kitty, Laura, Susan |
| Oct/Nov | Contact 5/6 and 7/8 Regional Test writer | Kitty |
| Nov | Contact 5/6 hosts to clarify expectation/answer questions | Lisa |
| Nov | Contact 7/8 hosts to clarify expectation/answer questions | Laura |
| Nov 12 | Distribute electronic booklets | Kitty |
| Dec | Determine number of awards needed | Susan |
| Dec | Order Awards and Trophies | Susan |
| Dec/Jan | Finalize Regional Tests | Kitty |
| Jan 27 | Bring Regional tests & answer key with explanations to GDCTAGC Meeting for hosts | Kitty |
| Jan 27 | Bring awards to GDCTAGC Meeting for hosts | Susan |
| Jan 25 | Meet with all regional hosts to answer questions | Kitty |
| Jan | Send electronic copies of tests to hosts | Kitty |
| Jan | Send electronic certificates to Regional hosts | Kitty |
| Feb/Mar | Serve as contact for 5/6 Regional hosts for 5/6 | Lisa |
| Feb/Mar | Serve as contact for 7/8 Regional hosts for 5/6 | Laura |
| Mar/Apr | Collect names of winning 5/6 Regionals | Lisa |
| Mar/Apr | Collect names of winning 7/8 Regionals | Laura |
| May | Attend 5/6 meet at UW-Madison | Lisa |
| May | Attend 7/8 meet at Edgewood | Laura |
| May/June | Send Thank-you notes to Mega Meet hosts | |

5/6 Regional Math Meet 2012 Host Schedule

| Regional | District/enrollment | # of 5/6 teams | Host Years |
|---------------------------|------------------------------------|----------------|-------------------------|
| Archimedes 8 teams | | | |
| | Deerfield 822 | 1 | Spring 2011 Spring 2012 |
| | Belleville 953 | 1 | Spring 2013 Spring 2014 |
| | Marshall 1242 | 1 | Spring 2015 Spring 2016 |
| | Lake Mills 1364 | 1 | Spring 2017 Spring 2018 |
| | Cambridge 910 | 1 | Spring 2019 Spring 2020 |
| | New Glarus 878 | 1 | Spring 2021 Spring 2022 |
| | Fall River 521 | 1 | Spring 2023 Spring 2024 |
| | Poynette 1143 | 1 | Spring 2025 Spring 2026 |
| Esher 7 teams | | | |
| | Monroe 2814 | 2 | Spring 2011 Spring 2012 |
| | Beloit 6891 | 2 | Spring 2013 Spring 2014 |
| | Stoughton 3378 | 2 | Spring 2015 Spring 2016 |
| | Milton | 1 | Spring 2017 Spring 2018 |
| Newton 8 teams | | | |
| | Oregon 3725 | 2 | Spring 2012 Spring 2013 |
| | Waunakee 3701 | 2 | Spring 2014 Spring 2015 |
| | DeForest 3249 | 2 | Spring 2016 Spring 2017 |
| | Sauk Prairie 2766 | 2 | Spring 2018 Spring 2019 |
| Mitchell 9 teams | | | |
| | Middleton Cross Plains 6174 | 3 | Spring 2012 Spring 2013 |
| | Verona 4889 | 3 | Spring 2014 Spring 2015 |
| | Sun Prairie 6975 | 3 | Spring 2016 Spring 2017 |
| Pascal 8 teams | | | |
| | McFarland 2976 | 2 | Spring 2011 Spring 2012 |
| | Monona Grove 3100 | 2 | Spring 2013 Spring 2014 |
| | Lodi 1668 | 2 | Spring 2015 Spring 2016 |
| | Evansville 1788 | 1 | Spring 2017 Spring 2018 |
| | Mount Horeb 2337 | 1 | Spring 2019 Spring 2020 |
| Curie 6 teams | | | |
| | Albany 394 | 1 | Spring 2011 Spring 2012 |
| | Juda 290 | 2 | Spring 2013 Spring 2014 |
| | Pecatonica 420 | 1 | Spring 2015 Spring 2016 |
| | Argyle 330 | 1 | Spring 2017 Spring 2018 |
| | Monticello 399 | 1 | Spring 2019 Spring 2020 |

School enrollment reflects Fall 2011 Third Friday Count

7/8 Regional Math Meet 2012 Host Schedule

| Regional | District/enrollment | # of 7/8 teams | Host Years |
|---------------------------|------------------------------------|----------------|-------------------------|
| Archimedes 7 teams | | | |
| | Deerfield 822 | 1 | Spring 2011 Spring 2012 |
| | Belleville 953 | 1 | Spring 2013 Spring 2014 |
| | Lake Mills 1364 | 1 | Spring 2015 Spring 2016 |
| | Cambridge 910 | 1 | Spring 2017 Spring 2018 |
| | New Glarus 878 | 1 | Spring 2019 Spring 2020 |
| | Fall River 521 | 1 | Spring 2021 Spring 2022 |
| | Poynette 1143 | 1 | Spring 2023 Spring 2024 |
| Esher 6 teams | | | |
| | Monroe 2814 | 2 | Spring 2011 Spring 2012 |
| | Beloit 6891 | 2 | Spring 2013 Spring 2014 |
| | Stoughton 3378 | 2 | Spring 2015 Spring 2016 |
| Newton 8 teams | | | |
| | Oregon 3725 | 2 | Spring 2012 Spring 2013 |
| | Waunakee 3701 | 2 | Spring 2014 Spring 2015 |
| | DeForest 3249 | 2 | Spring 2016 Spring 2017 |
| | Sauk Prairie 2766 | 2 | Spring 2018 Spring 2019 |
| Mitchell 9 teams | | | |
| | Middleton Cross Plains 6174 | 3 | Spring 2012 Spring 2013 |
| | Verona 4889 | 3 | Spring 2014 Spring 2015 |
| | Sun Prairie 6975 | 3 | Spring 2010 Spring 2011 |
| Pascal 8 teams | | | |
| | McFarland 2976 | 2 | Spring 2011 Spring 2012 |
| | Monona Grove 3100 | 2 | Spring 2013 Spring 2014 |
| | Lodi 1668 | 2 | Spring 2015 Spring 2016 |
| | Evansville 1788 | 1 | Spring 2017 Spring 2018 |
| | Mount Horeb 2337 | 1 | Spring 2019 Spring 2020 |
| Curie 7 teams | | | |
| | Albany 394 | 1 | Spring 2011 Spring 2012 |
| | Juda 290 | 3 | Spring 2013 Spring 2014 |
| | Pecatonica 420 | 1 | Spring 2015 Spring 2016 |
| | Argyle 330 | 1 | Spring 2017 Spring 2018 |
| | Monticello 399 | 1 | Spring 2019 Spring 2020 |

School enrollment reflects Fall 2011 Third Friday Count

Regional Host Site Responsibilities

1. Contact regional member schools and set math meet day, time and place. Inform chairperson of date.
2. The students should provide their own pencils and calculators.
3. Using *ONLY THE AMOUNT ALLOTTED* by GDCTGCN, order refreshments for the student participants, judges, etc. who are at the regional meet. Room rental fees, and duplicating of testing materials need to be borne by your district.
4. REGIONAL TEST COPYING SUGGESTIONS
 - **Colored Paper: Different color per TEAM**
 - **Tests 1 - 3 Individual Tests:** 9 copies of each subtest for each team member 1:1 (do NOT duplicate 2:1 or back: back). This makes 8 copies for the team and one for the coordinator/coach.
 - **Test 4: Mental Math:** 9 copies of the answer sheet (8 for the team and one for the coordinator/coach). Make a copy of the problems for the coordinator/coach. Problems are included in the Test Comments.
 - **Team problems:** 5 copies of the team problems—different color for each team. 3 copies for the team to work off of. One clean copy for submitting to the scorers. One copy for the coordinator/coach.
 - **Answer Key and test explanations:** One copy of each back: back for each district and for each test corrector (4 copies).
 - Put clean copies of the test, the answer key and the test explanations in an envelope for the coordinator/coach of each team.
5. Provide a schedule of the day and scratch-paper for the students on the day of the meet.
6. Pack and present to visiting teams THE DAY OF THE MEET: clean copy of test and answer sheet, all individual participating student's tests and score sheet and TEAM CERTIFICATES (These are provided by the Chairperson as a power point.)
7. Provide room and a table that will seat eight for each team.. Determine appropriate room set-up to provide both individualized working conditions for students and a team set-up. Provide judges table and determine procedures for coaches/teams to interact with judges.

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8. Procure a math person to explain the answers of the problems in detail to students. High School students are a great choice. Use electronic answer sheets for viewing on a computer connected to a projector or a Smart Board.
9. Provide at least four scorers to score the tests and proctors to supervise students while taking tests. Supervision of students may be done by accompanying coordinators. Coaches and/or Coordinators may help with scoring. Have one person responsible for entering the scores & another to check the math! **Team score sheets and regional Summary Form will be sent electronically in an Excel Spread Sheet** (hard copy found on pages 16 & 16 of this booklet).
10. Be sure to have persons available for supervision. Questions from students should be answered by neutral supervisors.
11. Keep copies of the Regional Math Meet Agenda, Regional Math Meet Rules, and Tie-Breaker Information available at your regional meet. They are very helpful when making a ruling and should be no surprise to anyone. Everyone is supplied with a Math Meet Booklet.
12. Read the **Regional Math Meet Rules** on p. 17 before the meet starts.
13. Present all Certificates and Awards at the end of the Meet.
14. Regional host will fax or e-mail a copy of the winning teams' completed Team Form and the Team Summary Form to Laura Borsechnik for 7/8 and Lisa Nyenhuis for 5/6. See bottom of team recording sheets for contact information.
14. Regional Host will provide the following information to Laura Borsechnik & Lisa Nyenhuis:
 - Name, phone #, and e-mail of contact person for each team advancing to the Mega Meet.
 - Name and grade level of winning team members.

Tips for Team Formation and Preparation

Your team needs to have four 5th graders and four 6th graders or four 7th graders and four 8th graders

Your team needs to have both genders represented (preferably equal)

Different districts form teams in different ways. The use of multiple data sources is preferred. Here are some ideas:

- Collect **quantitative** data: tests data, classroom performance, MATS scores,
 - Inviting any/all students to take screeners and then using the screener score(s) to form the team
 - Using a screener in advanced/high math class
 - Using tests from Math Counts and rate accuracy and problem-solving ability
 - Select students based on teacher observation
- Collect **qualitative data**: Inviting students to participate in an after-school club-like setting; motivation, ability to be a team player, leadership skills

General Recommendations

- Have an alternate of each gender prepared to go in case of illness/emergency
- Inform the alternates that they attend the meet only if needed

Team Preparation Ideas:

- Use old Math Meet tests (see GDCTCN web site)
- Use challenging math problem solving materials
- Describe the schedule/format of the day
- Provide tips on how to approach each subtest: watch time, read the whole test/event over first, always guess rather than leaving it blank, look for patterns, etc...
- Discuss the team event: focus on knowing their strengths, brainstorm how to divide the labor, assign an organized team member to look over the final copy and be responsible for providing the clean copy for the judges.

Confirmation Letter

Reproduce on letterhead or attach to an e-mail

Welcome to the _____ Regional Math Meet!

We have scheduled the meet to begin at TIME on DAY, DATE, at the PLACE. The meet will take approximately two hours to complete. Students should dress comfortably and bring pencils and a calculator to the meet. There will be a "treat" break built in the morning/afternoon. The math meet will consist of six events beginning with a warm-up exercise. This event is just to get the students relaxed and comfortable with their surroundings. The actual Regional Math Meet events are as follows:

- Event 1 Problem Solving without the use of a calculator
- Event 2 Problem Solving using a calculator if students wish
- Event 3 Mathematical Reasoning
- Event 4 Mental Math
- Event 5 Team Problem Solving

Each student will be scored as the answers are being explained to the students. A running tally of team totals will be posted as the event progresses. The final results will be announced shortly after the end of the team event. For your convenience I have enclosed several items for your to review:

- **a complete schedule of the events that will take place**
- **a copy of the Regional Math Meet Rules for you and your students to review**
- **two team rosters to complete and bring with you on the DATE**
- **a map of CITY to guide you to the PLACE.**

We are looking forward to having you visit our city. REMEMBER:

- Only the eight member team can attend the regional math meet.
- Each gender should be represented on both teams.
- ALTERNATES DO NOT ATTEND THE MEET.

Sincerely,
YOUR NAME
YOUR SCHOOL

Greater Dane County Talented & Gifted Network

Regional Math Meet Agenda

Regional Hosts will provide the warm-up exercises and judges needed.

*Indicates actual work time. Other times may vary.

Please inform team coaches that ALL student scores will be tabulated after each event and be included in the team total score for each event.

INTRODUCTION

| | | |
|--|--|-----------------|
| Welcome/Warm-Up Exercise | | 15 minutes |
| Event # 1 | PROBLEM SOLVING (Without a Calculator) (25 points) | 10 minutes* |
| Paper collection/Explanation | | 7 minutes |
| Event # 2 | PROBLEM SOLVING (With a Calculator) (25 Points) | 10 minutes* |
| Paper collection/Explanation | | 7 minutes |
| Event # 3 | MATHEMATICAL REASONING (With a Calculator) (40 points) | 15 minutes* |
| Paper collection/Explanation | | 7 minutes |
| Event # 4 | MENTAL MATH (10 points) | 5 minutes* |
| Pencils down-Transparency on 15 seconds* | | |
| Pencils up - Transparency off 10 seconds* Students write down their answer. | | |
| Pencils down-Transparency on 15 seconds* | | |
| Repeat pattern for all 10 problems | | |
| Paper collection/Explanation | | 7 minutes |
| Break | | 15 minutes |
| Event # 5 | TEAM PROBLEM SOLVING (100 points) | 20 minutes* |
| Explanation | | 7 minutes |
| Present Awards | | 16 minutes |
| Total time | | 2hr. 20 minutes |

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2010 - 2011 GDCTAGCN - 5TH & 6TH GRADE REGIONAL MATH MEET TEAM FORM

TEAM NAME:

REGIONAL:

| TEAM MEMBER'S GRADE & NAMES | | Problem Solving Without Calculators | Problem Solving With Calculator | Mathematical Reasoning | Mental Math | Individual Totals | Team Events and Totals |
|-----------------------------------|---|-------------------------------------|---------------------------------|------------------------|-------------|-------------------|--|
| 1. | 5 | | | | | | 1. |
| 2. | 5 | | | | | | 2. |
| 3. | 5 | | | | | | 3. |
| 4. | 5 | | | | | | 4. |
| 5. | 6 | | | | | | |
| 6. | 6 | | | | | | |
| 7. | 6 | | | | | | Team Events Total Score |
| 8. | 6 | | | | | | |
| TOTAL TEAM SCORE PER ROUND | | | | | | | Add Individual and team scores for final total below |
| FINAL TEAM TOTAL SCORE | | | | | | | |

FAX OR E-MAIL TO: Lisa Nyenhuis

FAX: 838-4613

lisa_nyenhuis@mcfarland.k12.wi.us

2010 - 2011 GDCTAGCN - 7TH AND 8TH GRADE REGIONAL MATH MEET TEAM FORM

TEAM NAME:

REGIONAL:

| TEAM MEMBER'S GRADE & NAMES | | | Problem Solving Without Calculators | Problem Solving With Calculator | Mathematical Reasoning | Mental Math | Individual Totals | Team Events and Totals |
|-----------------------------------|---|--|-------------------------------------|---------------------------------|------------------------|-------------|-------------------|--|
| 1. | 7 | | | | | | | 1. |
| 2. | 7 | | | | | | | 2. |
| 3. | 7 | | | | | | | 3. |
| 4. | 7 | | | | | | | 4. |
| 5. | 8 | | | | | | | |
| 6. | 8 | | | | | | | |
| 7. | 8 | | | | | | | Team Events Total Score |
| 8. | 8 | | | | | | | |
| TOTAL TEAM SCORE PER ROUND | | | | | | | | Add Individual and team scores for final total below |
| FINAL TEAM TOTAL SCORE | | | | | | | | |

FAX OR MAIL TO: Laura Borsecnik

FAX: 877-5408

laura.borsecnik@stoughton.k12.wi.us

Composition of Math Meet Teams

Four 5th graders, and four 6th graders form eight member team OR

Four 7th graders and four 8th graders form an eight member team

Each gender SHOULD BE represented on each team.

Participation is limited to two years for students 6th grade or below.

Alternates Should a team member be unable to participate, an alternate may attend in his or her place. The alternate needs to represent the same grade level in order to maintain the team composition. *Should a team attend the meet without four students from each grade level, the team will be allowed to participate in the meet but the score will not be recorded.*

NO ALTERNATES are allowed to attend the Regional or Mega Math Meet unless they are replacing an absent team member. NO EXCEPTIONS.

Supplies Students need to bring calculators and two sharp pencils to the Regional Math Meet. If other materials are needed, your host school will contact you prior to the Math Meet.

Individual Events Seating During the individual events, there should be one student from each team at each table.

Read at Regional Meet:

Students and Coaches will bring a positive attitude toward mathematics to the math meet.

Students and Coaches will bring a respectful attitude of fellow competitors and coaches to the math meet.

Talking is NOT permitted during the individual events.

When the team event is in progress, the team will decide how to solve each problem. The students are encouraged to discuss the problems during this event.

Supervision and the answering of questions, during an event in progress, will be done by a coach of another team or independent / neutral proctor .i.e. Sun Prairie will supervise Monroe.

The TEAM SCORE at a given meet is the SUM of ALL of the students' scores for each event.

The first and second place teams go on to the Mega Meet. Teams that are advancing need to bring the same team members that competed at the regional meet. See use of alternates as described above.

Unless otherwise noted, all answers must be expressed in lowest terms

RECORDING STUDENT SCORES RESPONSIBILITIES

TEST RUNNERS (Maximum of one per team)

- The test runner delivers and individual test forms to each team member face down.
- Do not deliver or pick up tests from your own team.
- After each event the test runners collect the tests and deliver them to the Score Table.
- Test Runners can answer a student's question but not a student from his or her own district.

TEST CORRECTORS (4 - 5)

- A panel of test correctors is determined before the meet begins (at least four is recommended). They will correct the tests.
- Each test corrector has a copy of the Answer Key
- The test correctors need to reach consensus regarding acceptable answers and/or partial credit.
- Total points are calculated and written at the top of the page on each subtest.
- After each test is corrected, another test corrector double checks the work and point total.

SCORE RECORDERS (2)

- Double check the point totals on each student test sheet.
- If the total is incorrect, take the test back to the Scoring Table to be corrected.
- If the total is correct, write the score of each test paper at the name of person who received that score.
- After you enter all of the scores for that team, add up the total number of points for the team and enter it at the bottom of that event column. Place the student test sheet under the TEAM FORM. ***The tests will be sent home with each team along with copies of each event test and answer keys.***
- Continue to enter the scores at the top of the diagonal line for Events 2, 3 and 4.
- Keep a running tally of the total number of points under the diagonal line for each event.
- The total number of team points must equal the total number of student points.
- **Team score sheets and regional Summary Form will be sent electronically in an Excel Spread Sheet** (hard copy found on pages 16 & 16 of this booklet).

FOLLOWING THE INDIVIDUAL EVENTS:

- Recorders determine the first and second highest scores FOR EACH District ***and*** the Top Five Individual scores in the Regional.
- Host prepares the student certificates from the collected information. This will then be given to Host Emcee for presentation ***AFTER*** the Team Event.

TEAM EVENTS

- Each team designates a team captain.
- The captain is responsible for collecting one clean copy of the answer sheet for each problem to be given to the Test Runner for the Test Correctors.
- Test Correctors score the team problem and record the total at the top of the page for each problem.
- The Test Correctors need to reach consensus regarding acceptable answers and/or partial credit.
- After each test is corrected, another test corrector double checks the work and point total.
- Team Event Problems are added to the Individual Subtest Totals for the Grand Total Score. The total number of points determines which teams will attend your Regional at the Mega Math Meet held at UW-Madison or Edgewood College in May.

TIE-BREAKER PROCEDURE:

1. Add all student scores. This should be done at the beginning.
If this is not done, this is the first step for breaking a tie.
2. If a tie remains...
 - a. Proceed to the Mental Math test.
 - b. Begin at problem #1
 - c. Add the total number of students, on each team, that correctly answered problem #1. The team with the most students that answered that question correctly gets one point.
EXAMPLE: Blue team had 6 students out of 8 that answered the problem correctly. Red team had 5 students out of 8 that answered the problem correctly. BLUE TEAM WINS.
 - d. If a tie remains continue on to problem #2 in Mental Math. Repeat the procedure through all of the Mental Math problems.
EXAMPLE: Blue team had 6 students answer the problem correctly. Red team had 4 students that answered the problem correctly. BLUE TEAM WINS.
3. If a tie continues to exist...
 - a. Proceed to Event 1. Compare answers to the highest valued problem. i.e. problem #3 (10 points) Award one point to the team with the highest number of students that solved the problem. The pattern continues until the tie is broken.
 - b. Proceed to Event 2. Compare answers to the highest valued problem. i.e. problem #3(10 points) Repeat procedure outlined above.
 - c. Proceed to Event 3. Compare answers to the highest valued problem. i.e. problem #3(10 points) Repeat procedure outlined above.

If a tie score persists, continue procedure using problem #2 on each event.

5/6 Mega Math Meet Agenda

Hosted by

**University of Wisconsin
Madison Math Department**

7/8 Mega Math Meet Agenda

Hosted by

Edgewood College

MAY 2012

Agenda for the Morning

- | | |
|------------|--|
| 8:30 a.m. | Register |
| 9:00 a.m. | Introductions and <i>Greetings</i> from Mathematics Department |
| 9:20 a.m. | Individual Events |
| 10:20 a.m. | Break |
| 10:40 a.m. | Team Event |
| 11:30 a.m. | Awards |

Request for Payment for Test Writer

5th and 6th Grade Regional Math Meet

Regional Test Writer:

Corine Schieldt

Evansville High School

570 S. Fifth Street

Evansville, WI 53536

Test Writer Payment Amount: \$350.00

One – half fee Test Writer: \$175.00

Shared with the Whitewater Group

Please send completed form to:

Kristy Champion, Treasurer
Kodak Education Center Room 203
1633 Keeler Avenue
Beloit, WI 53511

Regional Math Meet Chairperson
Kitty Ver Kuilen - Evansville/McFarland

Request for Payment for Test Writer

7th and 8th Grade Regional Math Meet

Regional Test Writer:

Corine Schieldt

Evansville High School

570 S. Fifth Street

Evansville, WI 53536

Test Writer Payment Amount: \$350.00

One – half fee Test Writer: \$175.00

Shared with the Whitewater Group

Please send completed form to:

Kristy Champion, Treasurer

Kodak Education Center Room 203

1633 Keeler Avenue

Beloit, WI 53511

Regional Math Meet Chairperson

Kitty VerKuilen - Evansville/McFarland

Request for Payment for Test Proof Reader

Regional 5th & 6th Grade Math Meet

Regional Test Proof Reader:

Steve Ver Kuilen

14357 Golf Air Drive

Evansville, WI 53536

Test Proof Reader Payment Amount: \$100.00

One-half fee for Proof Reader: \$50.00

Shared with the Whitewater Group

Please send completed form to:

Kristy Champion, Treasurer
Kodak Education Center Room 203
1633 Keeler Avenue
Beloit, WI 53511

Regional Math Meet Chairperson
Kitty Ver Kuilen - Evansville/McFarland

Request for Payment for Test Proof Reader

Regional 7th & 8th Grade Math Meet

Regional Test Proof Reader:

Steve Ver Kuilen

14357 Golf Air Drive

Evansville, WI 53536

Test Proof Reader Payment Amount: \$100.00

One-half fee for Proof Reader: \$50.00

Shared with the Whitewater Group

Please send completed form to:

Kristy Champion, Treasurer

Kodak Education Center Room 203

1633 Keeler Avenue

Beloit, WI 53511

Regional Math Meet Chairperson

Kitty Ver Kuilen - Evansville/McFarland

Request for Payment

5/6 & 7/8 Regional Math Meet

One-half fee

Shared with the Whitewater Group

| | Total | - | Half |
|---|-------|---|-------|
| 5 th & 6 th Gr. Regional Test Writer: | \$350 | - | \$175 |
| 7 th & 8 th Gr. Regional Test Writer: | \$350 | - | \$175 |
| 5 th & 6 th Gr. Regional Test Proof Reader: | \$100 | - | \$ 50 |
| 7 th & 8 th Gr. Regional Test Proof Reader: | \$100 | - | \$ 50 |
| | \$900 | - | \$450 |

Please send to:

Tiffany Erbentraut
GATE Coordinator
Paris School
1901 176th Avenue
Kenosha, WI 53144

terbentraut@paris.k12.wi.us

Regional Math Meet Chairperson
Kitty Ver Kuilen - Evansville/McFarland

Greater Dane County Talented & Gifted Network

Math Meet 2012 Contact Information

| District | Grade | Name | Email | Phone |
|------------------------|-------|--------------------------------------|--|------------------------|
| Albany | 5/6 | Susan Gorski | susan.gorski@albany.k12.wi.us | 826-3135 |
| Albany | 7/8 | Susan Gorski | | |
| Argyle | 5/6 | Marge Strangeland | mastangeland@argyle.k12.wi.us | 543-3318 |
| Argyle | 7/8 | Marge Strangeland | | |
| Belleville | 5/6 | Stacey McKinley | mckinles@belleville.k12.wi.us | 424-1902 |
| Belleville | 7/8 | Stephanie Beglinger | beglingers@belleville.k12.wi.us | 424-1902 |
| Beloit | 5/6 | Kristy Champion & Lindsay Passwaters | kchampion@sdb.k12.wi.us lpasswaters@sdb.k12.wi.us | 361-4082 |
| Beloit | 7/8 | Kristy Champion | kchampion@sdb.k12.wi.us | 361-4082 |
| Cambridge | 5/6 | Sharon Daly | sdaly@cambridge.k12.wi.us | 423-7335 |
| Cambridge | 7/8 | Sharon Daly | | Ext 2109 |
| Deerfield | 5/6 | Melissa Hill | hillm@deerfield.k12.wi.us | 764-5431 |
| Deerfield | 7/8 | Melissa Hill | | |
| DeForest | 5/6 | Anne Tredinnick & Tammy Breitlow | atredinnick@deforestschoools.org tbreitlow@deforestschoools.org | 842-6107 842-6130 |
| DeForest | 7/8 | Joe Parker | joparker@deforestschoools.org | 842-6143 |
| Evansville | 5/6 | Lynda Oleinik | oleinikl@evansville.k12.wi.us | 882-3564 or |
| Evansville | 7/8 | Lynda Oleinik | | 3353 |
| Fall River | 5/6 | Nancy Esveld | nanciesveld@fallriver.k12.wi.us | 920-484- 3333 X 290 |
| Juda | 5/6 | Lucy Stuckey | lucys@juda.k12.wi.us | 934-5251 |
| Juda | 7/8 | Scott Anderson | sa@juda.k12.wi.us | 934-5251 |
| Lake Mills | 5/6 | Ashley Willich | Asley.willich@lakemills.k12.wi.us | 920-648- |
| Lake Mills | 7/8 | Ashley Willich | | 2358 X215 |
| Lodi | 5/6 | Cindy Brooks | brookci@lodi.k12.wi.us | 592-3854 |
| Lodi | 7/8 | Amy Christiansen | chrisam@lodi.k12.wi.us | 592-3854 |
| Marshall | 5/6 | Vikki Kratz | Vikki_kratz@marshall.k12.wi.us | 655-4403 |
| McFarland | 5/6 | Lisa Nyenhuis | Lisa_nyenhuis@mcfarland.k12.wi.us | 838-4500 X5460 |
| McFarland | 7/8 | Kitty Ver Kuilen | Kitty_verkuilen@mcfarland.k12.wi.us | 838-4500 X 5449 |
| Middleton-Cross Plains | 5/6 | Ruth Frawley | rfrawley@mcpasd.k12.wi.us | 829-9433 |
| Middleton-Cross Plains | 7/8 | Ruth Frawley | | |
| Milton | 5/6 | Ruth Robinson | ruth.robinson1@gmail.com | 868-9280 X4300 |
| Monona Grove | 5/6 | Susan Gehn | Susan.gehn@mgschools.net | 839-8599 |
| Monona Grove | 7/8 | Susan Gehn | | |

Greater Dane County Talented & Gifted Network

| | | | | |
|--------------|-----|-------------------|--|---------------------|
| Monroe | 5/6 | Michele Mars | michelemars@monroe.k12.wi.us | 328-7266 |
| Monroe | 7/8 | Michele Mars | | |
| Monticello | 5/6 | Kirsten Klitzman | klitzki@monticello.k12.wi.us | 938-2734 |
| Monticello | 7/8 | Kirsten Klitzman | | |
| Mount Horeb | 5/6 | Christine Parmley | parmleychristine@mhasd.12.wi.us | 437-2400 X4142 |
| Mount Horeb | 7/8 | Christine Parmley | | |
| New Glarus | 5/6 | Shari Krueger | Shari.krueger@ngsd.k12.wi.us | 527-5513 X1000 |
| New Glarus | 7/8 | Lauren Walker | Lauren.walker@ngsd.k12.wi.us | 527-2410 X3176 |
| Oregon | 5/6 | Missy Pieper | rmp@oregonsd.net | 835-4778 |
| Oregon | 7/8 | Kari Radl | Kjr2@oregonsd.net | 835-4812 |
| Pecatonica | 5/6 | Lisa Bockhop | lbockhop@pecatonica.k12.wi.us | 523-4285 |
| Pecatonica | 7/8 | Lisa Bockhop | | |
| Poynette | 5/6 | Mary Kennedy | mkenn@poynette.k12.wi.us | 635-4347 X173 |
| Poynette | 7/8 | Mary Kennedy | | |
| Sauk Prairie | 5/6 | Cathy Stowers | stoweca@saukpr.k12.wi.us | 643-5585 |
| Sauk Prairie | 7/8 | Cathy Stowers | | |
| Stoughton | 5/6 | Laura Borsecnik | Laura.Borsecnik@stoughton.k12.wi.us | 877-5549 |
| Stoughton | 7/8 | Laura Borsecnik | | |
| Sun Prairie | 5/6 | Debbie Schenck | djschen@spasd.k12.wi.us | 834-6518 |
| Sun Prairie | 7/8 | Debbie Schenck | | |
| Verona | 5/6 | Kathy Collier | collierc@verona.k12.wi.us | 845-4800 |
| Verona | 7/8 | Chris Uelmen | uelmenc@verona.k12.wi.us | 845-4130 |
| Waunakee | 5/6 | Barb Hoeft | bhoeft@waunakee.k12.wi.us | 849-2352 or 2092 |

Unless otherwise noted, the area code is 608