

The Mathematics Coaching Program
The College of Education and Human Ecology

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# MCP Principal Links

### September 2013 Volume 6 Issue 1

## Administrators at **Professional Development**

We hope you all had a great and relaxing summer! We are very pleased with the turnout at last year's professional development sessions and even more pleased with the number of coaches who returned this year! The 2013-2014 schedule is listed below. Remember that all coaches are expected to attend all sessions. We look forward to seeing you at the next professional development session!

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|-----------|---|--|--|
| Dates     | Columbus PD<br>Sessions                             | Facilitator<br>Small Group<br>Sessions   |  |
| August    | 9; Facilitators &<br>GRAs only                      | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| September | 9, 10; All day PD<br>for all                        | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| October   | Sept. 30, October<br>1; All day PD<br>for all       | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| November  | 7, 8; All day PD<br>for all                         | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| December  | 5, 6; All day PD<br>for all                         | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| January   | 30, 31; All day PD<br>for all                       | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| February  | 20, 21; All day PD<br>for all                       | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| March     | 3, 4; All day PD<br>for all                         | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| April     | 10, 11; All day PD<br>for all                       | One and one half<br>days with facilita-<br>tor groups - Times<br>and days TBD*** |  |
| May       | 7, 8, 9; All day PD<br>for all Wednesday-<br>Friday | Facilitator site visit completions, other details as needed.                     |  |





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# Please visit us at http://mcp-coaching.osu.edu/for more information!

#### MCP APPROACH WORKS!

The MCP coaching approach is one that creates collaboration between teacher and coach to develop and improve student's achievement in mathematics and it WORKS! In the most recent principal's meeting, one principal related her experience visiting an inclusion classroom that had been coached. She noticed a sizable positive difference between this classroom and classrooms that had not been coached. All the principals agree that the MCP approach gets and keeps students engaged. They end up as active participants instead of evaluators. Impressive!

Education is our passport to the future, for tomorrow belongs to the people who prepare for it today.

- Malcolm X



### Congratulations MCP Grads!

The MCP team would like to congratulate all of the Year 3 coaches who graduated this past May. We had a whopping class of six graduates and we are very proud of them!

#### SOMETHING TO THINK ABOUT

We have noticed that the number of coaches we have had throughout the years has fluctuated. It seems that as the scores go up, our coaches begin to withdraw from the program and resume classroom duties. We do not have a way to keep track of a coach's progression after they leave, but because the Math Coaching Program is a three-year cycle, we stress the importance of a coach continuing in the program and graduating from it. Coaches who remain in the program and graduate produce very good results and are very successful. Some have gone on to become principals and two are now District Curriculum Coordinators.

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### Helpful Link

University of Texas Austin Dana Center www.utdanacenter.org

The Dana Center is an education nonprofit with two decades of experience in helping to improve teaching and learning. This database provides numerous tools and materials for teaching and learning at all grade levels. Many of the resources available via The Dana Center are free of charge or cost very little. Combining these resources along with a coach makes for very successful students!

### PROBLEM OF THE MONTH

Ask yourself how you would solve the problem and how you think the students would solve this problem? Then consider the data at the bottom of the page about how a sample of students solved the problem.

This problem was given to both 6th graders as a post test and 7th graders as a pretest.

Sixty percent of the members of a computer club were girls. Later, 10 boys joined the club. Describe whether it is possible to determine the percentage of female members if the computer club after the new addition of boys. For instance, do you expect the percentage to be larger than 60% or smaller. Please explain your reasoning.

If you feel it is impossible to answer the question alone, then explain what other information you may need to determine the percentage of girls in the computer club.

#### 6th and 7th Grade Student Results

| Score   | Criterion   | 6th grade<br>post | 7th grade<br>pre |
|---------|---|-------------------|------------------|
| 0       | Girls increase or stay the same; "not enough information" | 41                | 21               |
| 1       | Girls decrease without reasoning                          | 16                | 23               |
| 2       | Girls decrease with reasoning                             | 4                 | 12               |
| NA      | No answer.  | 2                 | 4                |
| Average |   | 0.3934            | 0.8393           |

### Administrator SharePoint Website

MCP utilizes Microsoft Share-Point as a management tool for communication and data collection. There is a site specifically designed for administrators which can be accessed at <a href="http://collaborate.csnp.ohio-state.edu/sites/mcpadmins">http://collaborate.csnp.ohio-state.edu/sites/mcpadmins</a>. If you are new to MCP and have not used our SharePoint site before, you will need a username and password to log in. Please contact <a href="mailto:mcp\_coaching@osu.edu">mcp\_coaching@osu.edu</a> for technical support.

### MANAGING TIME

The job of an MCP is full time. If they were to enact all that was required just from the MCP program itself they would be busy from the moment the school doors open until they close. Please allow time for coaches to do their job as coach, and do not assign non-coaching duties (like substitute teaching or aiding).

Students commonly answered that the girls would increase because there are more people, girls will stay the same because only boys joined, and there would be 60% girls and 50% boys.

