



MCP Principal Links

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Volume 5 Issue 4

Administrators at Professional Development

We are very pleased about the number of administrators who have attended professional development sessions with their coaches. All administrators of coached districts are welcome to attend and are encouraged to choose at least two different, non-consecutive sessions that work best in their schedules. Then, you can submit the registration materials you receive in the invitation email. If you need another copy of the registration forms at any time throughout the year, please contact us at mcp_coaching@osu.edu. We look forward to seeing you throughout the year!

Remaining Days

April 11 & 12 (Thursday, Friday)

Please note: There is one additional professional development for all coaches, on May 20, 21, & 22. These days are **work days** and we will not be running regular sessions for administrators to attend.

Administrator SharePoint Website

MCP utilizes Microsoft SharePoint as a management tool for communication and data collection. There is a site specifically designed for administrators which can be accessed at <http://collaborate.csnp.ohio-state.edu/sites/mcpadmins>. 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 mcp_coaching@osu.edu for technical support.



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ADVICE FOR PARENTS

Please, do **NOT** teach your child mathematics. Instead, try these alternatives:

- i) Ask questions, such as "can you explain to me what you're doing?" "can you explain why you to do that?" "can you solve that problem a different way?" or "can you draw a picture of that problem?"
- ii) Honor your child's thinking. Mathematical thinking does not have to involve numbers. If you ask your child to rearrange the furniture in a room, compliment their thinking about their choices. If you go grocery shopping with your child, ask him or her to figure out how much the groceries in the car will cost before you reach the checkout. Ultimately, praise your children on a regular basis on their good thinking. This will help build children's confidence in their own thinking.
- iii) When you encounter a problem in life, have your child assist you in thinking about a strategy to solve it. For example, You are going to plant flowers in an area of your yard. Ask your child how far apart you should plant them so they are equally spaced. Or you can ask them to help you with the mathematics of your taxes!

BEWARE: TESTING AHEAD

Statewide testing is approaching. But beware, **DO NOT TEACH TO THE TEST!** Instead, focus on getting your students to use their own thinking.



RECRUITMENT

The MCP is now recruiting for the the 2013-2014 school year! If you know of a school district that is interested in having a math coach, please direct them to our email at mcp_coaching@osu.edu and to visit our website <http://mcp-coaching.osu.edu/> for information on the program. Note that professional development for coaches is free of charge. We welcome any school district to join the program.



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).



If we are not teaching in ways that students can learn, then we must learn how students can learn then teach in ways to get this learning to happen.
-Patricia Brosnan





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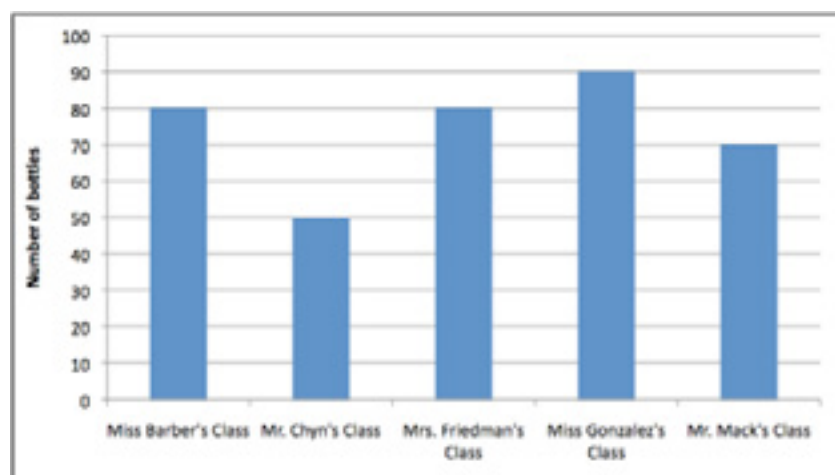
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PROBLEM OF THE MONTH

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

Graphs and Reports:

Central School had a bottle collection. Children in each class brought empty bottles to school. The principal made the bar graph below to show the number of bottles collected by each class.



Suppose that you are to make a report based on information shown in this graph. Try to write down as many true statements about the bottle collection event as you can.

5th Grade Student results

Score	Criterion	Number of Students
0	Provide information other than range, median, and mode (such as max, min or total number of bottles collected).	147
1	Provided information about either the range, median or mode.	14
2	Provided accurate information on the range, median and mode.	4
NA	No answer.	2
Average Score 0.1333		

Students would provide information on which class collected the most and least amount of bottles, which classes tied for the number of bottles that they brought, how many more bottles one class had over another class, or the total number of bottles collected by all the classes.

Problems to Stimulate Children's Thinking (and yours!)

If I get 5 darts, what values should I select so I can score 44 in several ways?

How many different ways can you arrange the chairs in this room so small groups can work together?

How many items in this room start with the letters "ch"?

Vicky has an equal number of brothers and sisters. Her brother has twice as many sisters as brothers. How many boys and girls?

How can we arrange numbers 1-9 in a rectangle so the sums on each side are equal?

Looking at the weekly store ads, how are prices displayed? What items are featured?

Design and build a model dog-house using only 1 sheet of construction paper.

Does a movie theater make more money per candy bar or per nacho? How could you figure that out?

How do you know how much farther we can drive before we need to get gasoline?

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