Math Extension Activities for 2012-13

What?	Who?	When? Where?	Parent Role?
American Math Challenge **Permission Slip Required**	All Students in Kindergarten through 6th grade	The challenge takes place during a 24-hour period (at the same time world-wide) in mid-October. Students can practice beforehand at home, on-line. **Children who wish to participate should bring in the signed permission form by September 25,** and the school will arrange 2 weeks of free access to a website with grade-level practice problems.	Supervision of children's on-line activity
Olympiad Lunch **Permission Slip Required** **Math Olympiad**	4th through 6th graders Students may come to "Olympiad Lunch" even if they opt not to participate in the Math Olympiad Contest. The Contest presents the same problems to all students	The "Olympiad Lunches" will be on non-Birthday lunch Wednesdays through mid-November. **Third/Fourth Grade meets on October 17th and 31st .** **Fifth/Sixth Grade meets on October 3rd and November 7th.** Students who join the team will participate in five rounds of the Contest. These will take place monthly between November and March during the 3rd week of the month. Students will be excused from class for each 45-minute sessions.	Given that children sometimes have choices among different activities during lunch periods, parents should help their children decide which ones they will attend and sign up for these choices. There are only 2 lunch meetings to prepare for these contests. Children who have participated in the past, need not attend these lunchtime practices. None
Maryland Mathematics League	4th through 6th graders Some teachers may opt to have all students participate. The contest presents different problems by grade level.	**After April 15 for 4th and 5th graders.** **February 19 or 26 for 6th graders.**	None
Problem of the Week **Permission Slip Required**	2nd through 6th graders	A new problem is put out every Monday morning by 8:30 am and is due back to Ms. Herndon the following Monday by 8:30 am. **This program begins the week of October 15 and runs through mid-spring.**	Parents sign to confirm that the child worked through the problem and the written notes on the page reflect the thinking that led to the answer. These problems are meant to generate discussion, and parents should feel welcome to help their children reason through the problems.
Math Lunch **Permission Slip Required**	Separate lunches for 3rd & 4th graders and 5th & 6th graders. These lunches will sometimes include math games that Ms. Herndon will introduce and teach and sometimes will involve discussion of different topics in mathematics.	**3rd/4th grade, Mondays, starting October 15th.** **5th/6th Grade, Tuesdays, starting October 16th.** Teachers will be notified of the times for the different grades so they can notify students and parents	Given that children sometimes have choices among different activities during lunch periods, parents should help their children decide which ones they will attend and sign up for these choices.
Pi Day	All students in Kindergarten through 6th grade will have the chance to participate in a day of special math activities.	March 14 (3.14 of course!)	Parent volunteers will be welcome to help with setting up and running activities
Carnival of Chance	The 5th graders will host this event presenting games of chance of their design. TBD whether they will present them to 3rd graders, 4th graders, 6th graders, or some combination of these students.	Late in the spring	None