Dear Parents:

I am pleased to have your child in my mathematics class at Barack Obama Academy of International Studies. In order for each student to have a successful year in math class, he/she will need to do the following:

▲ Be punctual and prepared. Bring all materials (math binder and notebook, paper, pencils and agenda book) to class every day.
▲ Record all assignments in the agenda book.
▲ Complete all classwork and homework assignments on time.
▲ Keep math binder up to date and well-organized.
▲ Participate in class every day.
▲ Behave appropriately at all times. (Adhere to Pittsburgh Obama and PPS policies)

I am asking that your child obtain the following materials:

- Binder 1-2 inch
- Lined paper
- Composition notebook
- Pencil

Useful, but not required:

- Markers, colored pencils
- TI 30 XIIS scientific calculator
- Graph paper
- Reinforcement holes

Geometry is a high school level mathematics course organized around the study of congruence, shapes and angles, and logical and algebraic proof. In addition, students will learn topics in the geometric measurement and modeling as well as geometric construction. A variety of strategies are used to engage the students: whole class lecture, small group activities, and inquiry-based learning. Students must observe patterns and relationships, conjecture, test, discuss, verbalize and generalize. At times, students are expected to struggle with problems and may not experience the closure that they’re used to. Students are required to reflect and write about their problem solving methods on a regular basis. Assessment includes mathematical reflections, tests and quizzes, projects, homework, class assignments and notebook entries. Intercultural awareness is woven into the curriculum as students learn and discuss the history of mathematics, various cultural achievements in the field, and current mathematical topics of global importance. All of these aspects are stressed as part of the International Baccalaureate Middle Years Program (IBMYP) philosophy and are integral to the classroom.

Your child will be graded according to the following policy:

- Assessment: 50%
- Homework: 10%
- Participation: 15%
- Classwork: 15%
- Writing: 10%

Assessments will include mathematical reflections, tests and quizzes, projects, homework, class assignments and notebook entries. Selected assessments will be graded utilizing the International Baccalaureate Middle Years Programme Assessment Criteria: Knowing and Understanding, Investigating Patterns, Communicating, and Applying Mathematics in Real-Life Contexts. Grading rubrics based on these criteria will be given to students prior to the assignment.

You should expect your child to have math homework 4 days a week. There will be no opportunities for extra credit work and late assignments will receive half credit.

If you have any questions or concerns, please feel free to contact me at school (412) 529-2263, cell (412) 973-6590 or email sberry2@pghboe.net. I look forward to working with your child this year.

Sincerely,

Mrs. Berry

Approved ______________________________