

## South Dade Middle School

Course Syllabus 2010-2011

Ms. Polissaintvil

### 7<sup>th</sup> Grade gifted Advance Mathematics

Welcome to Ms. Polissaintvil's 7<sup>th</sup> Grade gifted Advance Mathematics class! I am looking forward to an excited and productive school year in which all my student are taking a proactive role in their educational career! Please read the following, sign as indicated, and return the signed portion to me by the next class. \_\_\_\_\_ (Date)

#### **Contact Information:**

School telephone: 305-224-5200

School Website: <http://sdm.dadeschools.net>

Email: [mpolis@dadeschools.net](mailto:mpolis@dadeschools.net)

Class Website: [www.pollymath.com](http://www.pollymath.com)

#### **Course Description** - 7<sup>th</sup> grade gifted advance mathematics

The 7<sup>th</sup> grade advance- gifted curriculum is used to investigate topics of study such as variables, similarity, ratios, proportions, percent's, comparisons, integers, rational numbers, linear relationships, probability, and three-dimensional measurement. This curriculum is centered around students investigating new topics and ideas in a group setting. Students work together first with new material and problem solve before the class summarizes what they have learned together. The focus is not on memorizing properties and formulas of math but rather on knowing the how and why behind mathematical concepts. The problems in the book always have a real-life context to make is applicable and relevant to students. Students also get a chance to work with graphing calculators and Microsoft Excel.

The advances course is intended for students with above average mathematical and problem-solving skills. Assignments include:

- Substantial work with the skills and concepts presented in the lesson
- More complex applications and challenge exercises
- Test preparation and mixed review exercises

**Textbook:** Holt McDougal Florida Mathematics Course 2

#### **Classroom Guidelines:**

#1 - Treat each person in this room with respect and dignity

#2 - Be in your assigned seat and working on the assigned Brain Booster when the bell rings..

#3 - Adhere to all expectation as outline in the course syllabus.

#4 - Bring ALL books and materials to class and take them with you when you leave

#5 - Follow ALL procedures and policies as outlined in the MDPS and South Dade Middle Schools handbooks.

#### **Schools Tools for Success**

All work is to be completed in pencil only unless otherwise specified. Students may use pens to take notes or complete an essay assignment. All other assignments done in pen WILL NOT BE ACCEPTED. To be prepared for class, student must have required supplies in class each day.