Math 7 Syllabus
Mr. Richard Jordan
Room 119

Course Description: Math 7 is the introductory second course to middle school mathematics. Students will increase their computational fluency, with particular attention paid to decimals, fractions, ratios and integers. They will develop measuring skills and relate this to geometric concepts. They will develop a basic understanding of probability and its applications. Students will also progress in their use of graphs to represent and interpret data. Finally, students will engage in foundational algebraic thinking and equation solving.

Throughout this course, student should expect to participate in the following eight mathematical practices:
1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Standards: Standards are statements of what students should know and be able to do in a specific course. The standards provide a clear outline of content so that teachers can develop and align curriculum, instruction, and assessment. DoDEA has adopted the “College & Career Readiness Standards” and more information can be found here: http://www.corestandards.org/Math/

Course Topics:
Rational numbers, Equations, Expressions, Ratios, Proportions, Percent, Statistics, Geometry

Course Website:
All homework assignments and supplemental materials will be posted online at:
www.wonderfulworldofmath.com [Please let me know if you lack internet access].
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Grading Policy: Grades will be weighted in the following manner, and scored on a ten point scale:

- **Unit Tests:** 60%  
  - **A** 90 – 100%
  - **B** 80 – 89%
  - **C** 70 – 79%
  - **D** 60 – 69%
  - **F** 59% and below

- **Daily Quizzes:** 30%
  - **B** 80 – 89%
  - **C** 70 – 79%
  - **D** 60 – 69%
  - **F** 59% and below

- **Homework Assignments:** 10%
  - **C** 70 – 79%
  - **D** 60 – 69%
  - **F** 59% and below

*Unit Tests:* Tests will usually be given two or three times a quarter.
*Daily Quizzes:* Students can expect one brief quiz per class period.
*Homework Assignments:* Homework will often be assigned on a regular basis. Any assigned problems must be attempted with work shown (if applicable). If the student does not understand how to approach a problem, they should record their mathematical reasoning and explain for their difficulty. Late work, if turned in by the next class period, will be graded at 50% reduction.
*Class notes:* Students will take notes on the material in class.

The goal of the above point value system is to ensure that the majority of the student’s grade is determined from assessments (80-90%). This ensures that the final grade reflects the student’s subject mastery, as opposed to reflecting behavior or work ethic.

*The grading system may be modified as needed to ensure that grades reflect student mastery*

**Discipline Policy:** In the middle grades, focus is primarily on redirection and teaching desired behaviors, but repeated disruptions to the learning environment must be discouraged. Discipline issues in the 7th grade will be handled in a manner consistent with school and district guidelines. Cases that pose an immediate threat to the safety of an individual or the class will be referred directly to administration.

Please feel free to contact me if you have any questions or concerns.
Mr. Richard Jordan
Richard.Jordan@eu.dodea.edu

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Student Name(print): __________________________ Date: ________________

Parent/Sponsor (sign): __________________________ Date: ________________