

Course Syllabus 2021-2022

Course: Integrated Math 1

Teacher: Mrs. Suzanne Meyer

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Office Hours: Tues/Thur Lunch

Any day before school with a pass

Course Description:

Core Connections Integrated I is the first course in a five-year sequence of college preparatory mathematics courses that starts with Core Connections Integrated I and continues through Calculus Third Edition. It aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations, inequalities, and systems. These skills are extended to solving simple exponential equations, exploring linear and exponential functions graphically, numerically, symbolically, and as sequences, and by using regression techniques to analyze the fit of models to distributions of data. On a daily basis, students in Core Connections Integrated I use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Under teacher guidance, students learn in collaboration with others while sharing information, expertise, and ideas. The course is well balanced among procedural fluency (algorithms and basic skills), deep conceptual understanding, strategic competence (problem solving), and adaptive reasoning (extension and application).

Required Materials:

1. DPS issued computer
2. Pencils, pens, highlighters
3. Notebook (spiral or composition)
4. Folder or 3 ring binder
5. Package of loose leaf paper

Grades:

At TJ, we hope to graduate students with a comprehensive, thorough knowledge of mathematical concepts and skills to prepare them for college and career. To better facilitate that process, I will be implementing Standards-Based Grading in the math classroom. Standards-based grading allows us to provide students with multiple opportunities from every corner of the curriculum to demonstrate mastery

in all areas of mathematical content standards, including the Math 1 standards listed above. Students will be graded according to the level of competency they demonstrate on various tasks and mathematical problems they will be challenged within the Math 1 classroom, with multiple opportunities to demonstrate the desired level of 'mastery'. These tasks and items will come from PROCESS and TESTS, QUIZZES, and ASSESSMENTS.

Expectations:

This curriculum is designed to encourage students to work in small groups to solve problems. You are expected to be an active participant in groups and when using the curriculum. You will be encouraged to take risks and participate. We will be using the computers as well, you are responsible for your computer and making sure you bring it to class every day and have it charged. You will also be taking notes in your notebook and will be expected to keep it up to date. When you miss a day of school, you are responsible for going to schoology to look at any lessons or work we did in class.

Digital Acknowledgment:

Please use the link provided to acknowledge that you and your parent/guardian have read the syllabus.

https://docs.google.com/forms/d/e/1FAIpQLScHJw7KyRtlVhnPA_bKMtG5CfNmIhzZG92u6ogcV41R5Wv25g/viewform