Ms. Jackson’s 6th grade Math Class

Utopian Academy for the Arts

2018-2019

Welcome to the start of a new school year! I look forward to getting to know you! Throughout this year, we will cover a wide range of exciting topics in mathematics which can be found detailed below. You may contact me at any time at [brittany.jackson@utopianacademy.com](mailto:brittany.jackson@utopianacademy.com) with any questions or concerns. In addition, I will post updates weekly such as, upcoming homework, quizzes, tests, or projects on our class website at msbjackson24.weebly.com.

**Supplies Needed**

* **Pencils- math work is to be completed in pencil ONLY.**
* **Binders-**students will need this daily! More information provided below.
* **Folder-** any returned work such as worksheets, quizzes, or tests should be kept in their folder.

**Course Description and Objectives**

1st Semester

* Number system fluency
  + Computing quotients of fractions
  + Adding, subtracting, multiplying, and dividing decimals
  + Greatest common factor and least common multiple
* Rate, ratio, and proportional reasoning
  + Understanding the concept of a ratio and unit rate
  + Use ratio and rate reasoning to solve real-world problems
  + Percent of quantitates
* Expressions
  + Write and evaluate expressions
  + Identify parts of an expression
* One-Step Equations and Inequalities
  + Use variables to represent numbers and write expressions when solving a real world problem
  + Write and solve equations of the form x+p=q and px=q, when x, p, and q are nonnegative rational numbers
  + Write an inequality of the form x˃c or x˂c

2nd Semester

* Area and Volume
  + Find area of triangles, quadrilaterals, and polygons by decomposing into other shapes
  + Find the volume of a right rectangular prism with fractional edge lengths
  + Represent three-dimensional figures using nets
* Statistics
  + Recognize a statistical question
  + Describe distribution
  + Display and summarize numerical data
* Rational Explorations: Numbers and their opposites
  + Understand positive and negative numbers are used to describe opposite directions or values
  + Understand a rational number as a point on the number line
  + Ordered pairs

**Grading**

Homework- 15%

Assessments/Performance Tasks- 55%

Classwork-30%

**Classroom Procedures/Expectations**

Entering the Classroom

When students enter the classroom, it is expected that they immediately take a seat and begin their do now. Students are allowed to have some conversation with individuals near them, however when the bell rings talking should stop and students should strictly be working on the do now.

Electronics

No electronics are allowed inside of Utopian Academy for the Arts. The first time an electronic is seen OR heard it will be confiscated by me and it will be the parents’ responsibility to retrieve it. The next time, the phone will be given to administration for further action.

Binders

Students are to have their binders with them **every day.** These will be used on a daily basis to complete their bell ringer (do now), copy notes, and complete activities. The binders will be checked on a bi-weekly basis and may or may not be graded. If a student misses notes, it will be their responsibility to either get them from a classmate. Students should begin bringing their binder on **Monday, August 13, 2018.**

Homework

Students will be given homework **twice** a week on Mondays and Wednesdays. Unless, classwork was not finished and they are instructed by the teacher to finish for homework. Homework will be updated nightly on the class website.

Projects

There will be at least one take home project per semester and will be posted on the class website. Students and parents will be given at least a months’ notice of the project’s due date. **No late projects will be accepted.**

Quizzes

Quizzes will be given on a weekly basis in order to track student progress and the date will be posted on the class website. If a student is absent, they will take the quiz the following school day.

Tests

Tests will be given at the conclusion of each unit which is approximately every 4-6 weeks. Students will always be given a study guide and will be notified at least two weeks in advance. In addition, test dates will be posted on the class website. If a student is absent, they will take the test the following school day.

Cheating

Cheating will not be tolerated in any form or fashion. If a student is talking during an assessment, it will be considered cheating and they will receive a zero. All cheating will result in a zero on the assignment.

Make-Up Work

If a student is absent they will be able to make up any missing work for full credit and will be given the same amount of days to complete the work as the amount of days they were absent (e.g. student was absent 3 days, will have 3 days to complete). For any other missed work, students will be given the opportunity to make-up the work for 80% credit and the work will be due the following school day.

Food/Drink

There will be no eating or drinking allowed in class. **NO GUM!**

Tardy Policy

The first unexcused absence will result in a parent phone call. The second unexcused absence will result in a lunch detention with me. The third unexcused absence will result in an after school detention with me. Any further tardies will be reported to administration for further action.

By signing this form, I agree to abide by all of the rules and expectations outlined above.

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Student signature

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By signing this form, I certify that I have read and understand this form in its entirety.

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Parent signature