**ASU Preparatory Academy**

**6th Grade Math**

**2018-2019**

**Teacher:** Ms. Stuart

**Email:** rrstuar1@asu.edu

**Phone:** (602) 496 - 3067

**Weebly:** rstuartasuprep.weebly.com

**Room: 243**

**Tutoring:** Monday – Friday 8am – 8:25am and at lunch by appointment only.

(\*subject to change)

**Materials:**

Each students is required to have:

* 3” binder
* Folder
* #2 pencils **no** pens
* 8 tab dividers

Binders will remain in the classroom, but can be taken home if a student is absent to make up the notes, or is assigned homework that day. Binders will be taken home over long breaks to be used for homework. **Students are responsible for their binder.** If lost or stolen students will be responsible to make up the notes they lost. Folders will also be kept in the classroom and will contain homework, quizzes, and class work.

**Course Description:**

The curriculum for this course aligns with the Engage New York for Mathematics 6th grade. The standards can be viewed on the Engage New York website https://www.engageny.org/resource/grade-6-mathematics

**Expectations:**

Beginning of Class:

1. Enter the room quietly and appropriately
2. Sit in your assigned seat
3. Take out material needed for class ex. Pencil, **homework**, calculator, notes, binder, etc.
4. Place back pack behind or underneath the chair
5. If there is bell work on the board, start on it right away

End of Class:

1. The teacher will end the class, not the clock or the alarm
2. When instructed by the teacher, clean up around your desk
3. Make sure all materials used is back in its right place
4. Place binder back on shelf neatly
5. Sit quietly in your seat until you are dismissed
6. Exit the room quietly and appropriately

Plagiarism/Academic Integrity:

Academic integrity is expected on all assignments. Plagiarism is defines as presenting the work of another as one’s own. Cheating on any assignment or assessment violate ethics and school rules. Any work that exhibits cheating/plagiarism will result as an incomplete, parents will be notified, and disciplinary action may be taken.

Restroom Procedures:

Students are expected to utilize the bathroom facilities between classes, or during their lunch hour. However, emergencies and extenuating circumstances happen, so each student is permitted an emergency pass per quarter.

Attendance:

If you are absent it is your responsibility to make-up missing assignments.

As stated in the handbook (p.12) “Ten or more days absent in a semester may result in the student not being promoted to the next grade level and/or losing credit.

Behavior Plan:

District Policies are followed as outlined in the school wide Handbook. Specific class rules are posted on the wall.

Tardy Policy:

Tardy is defined as not being in your **designated seat** before the bell rings. If another teacher has excused you, you **must** have a note/pass. You are responsible to remind the teacher for a note or a pass, you will not be allowed to return to that teacher for a pass. As stated in the handbook (p.12) “Upon the third day tardy and thereafter, the student will be credited with one absence day.

Homework:

Students can expect Math homework each night they do not finish an assignment in class. Longer math homework assignments will be given during fall, winter, and spring breaks. The expectation is for all students to have their homework turned in on-time. After the homework is assigned they will have an allotted time to complete it, if it is not complete, the students will have lunch and recess detention. The homework will be checked daily until completed. **Show all your work and remember to SIMPLIFY.**

Grading:

**Math class/Per Quarter:**

* 4 – 9 Quizzes (5 points each)
* 2 – 3 Mid-Module Checkpoint (10 point)
* 2 – 3 End of Modules Exam (20 points each)

The grade is made up entirely off assessments. Students can do re-takes for quizzes after school until the end of the quarter by appointment only. There are **no** retakes for end of module exams.

**Learning Lab:**

10 points will be given at the beginning of each quarter. For every 2 homework detentions, one point will be deducted. It is a pass or fail class, 75% and over is a pass (more than 7 detentions, is an automatic fail).

Technology:

No cell phones in my classroom except if allowed by the teacher as part of an activity. There will be classroom technology, the expectation is to use them appropriately and respect them as if they were yours.

**Classroom Rules:**

1. **Respect** yourself and your future
2. **Respect** your fellow students and their right to learn
3. **Respect** your teacher
4. **Respect** your school’s property and community

**Let’s have a great school year!**

**Work Hard – Be Kind – Be Smart**

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| **6th Grade Math Curriculum** |
| Sixth grade mathematics is about (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. |
| **Review Unit** |
| (1) developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions); (2) extending division to two-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations; and (3) developing understanding of volume. |
| **Unit 1: Ratio and Unit Rates** |
| Understand ratio concepts and use ratio reasoning to solve problems. |
| **Unit 2: Arithmetic Operations Including Dividing by a Fraction** |
| Apply and extend previous understandings of multiplication and division to divide fractions by fractions. Compute fluently with multi-digit numbers and find common factors and multiples. |
| **Unit 3: Rational Numbers** |
| Apply and extend previous understandings of numbers to the system of rational numbers. |
| **Unit 4: Expressions and Equations** |
| Apply and extend previous understandings of arithmetic to algebraic expressions. Reason about and solve one-variable equations and inequalities. Represent and analyze quantitative relationships between dependent and independent variables. |
| **Unit 5: Area, Surface Area, and Volume Problems** |
| Apply and extend previous understandings of arithmetic to algebraic expressions. Reason about and solve one-variable equations and inequalities. Solve real-world and mathematical problems involving area, surface area, and volume. |
| **Unit 6: Statistics** |
| Develop understanding of statistical variability. Summarize and describe distributions. |

\*I understand these may seem abstract or confusing, please visit https://www.engageny.org/resource/grade-6-mathematics to see further detail or reach out for clarification at rrstuar1@asu.edu.

**FREQUENTLY ASKED QUESTIONS:**

**Q:** How often will we have **homework?**

**A**: I assign classwork that I believe is instrumental to each student making inquiries into the ideas we are exploring as a class. If there is not enough time in class it then becomes homework, which will be due at the beginning of class the next day.

**Q:** If I am worried about my grade, will you let me complete extra work for **extra credit?**

**A**: There are no extra credit assignments provided at any time. If you are worried about your grade, I encourage all of my students to come forward early and often to seek out additional help.

**Q:** If I don’t earn a good score on a test or project, can I take a **retake?**

**A**: Students will be required to complete test retakes if they do not meet the standards. Retakes may be taken only if they are up to date with their work for the class, and complete the study guide for the exam they are attempting to master. Retakes must be done before the quarter ends.

**Q:** What should I do if I am **absent?**

**A**: Students are responsible for obtaining missed work and information from the class website, or the absent bin. If you are absent, then you have the same number of days as the absence to make up the work without penalty.

**Q:** The rules state no drink allowed in class, but is **water** okay**?**

**A**: Water is allowed as long as it is kept in a no-spill container.

**Q:** What is the **bathroom policy?**

**A**: Students are expected to utilize the bathroom facilities between classes, or during their lunch hour. However, emergencies and extenuating circumstances happen, so each student is permitted an emergency pass per quarter.

**Q:** What do I do if I **forget a pencil?**

**A**: You are required to have a pencil with you every day, however in the event you forget you should ask one of your peers if they are willing to lend you a pencil. Please be advised, this should not become a habitual issue.

**Q:** How do I find out my **grade in this class?**

**A**: Grades are posted in PowerSchool regularly; please

check your grades there on a regular basis.

**Q:** Do we have to write in **complete sentences?**

**A**: Yes, unless otherwise directed, you are preparing for

high school and should answer using complete sentences.

**Q:** Is this assignment going to be **graded?**

**A**: Yes, everything you do is worthwhile, therefore

everything you do will be for a grade.

Please sign and have your parent/guardian sign the acknowledgement below return it to me no later than Friday, August 3rd.

**We have read and understand the policies and procedures of Ms. Stuart’s 6th Grade Math class.**

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Student Printed Name Math #

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Student Signature Date

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Parent/Guardian Signature Date

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| **CONTACT INFORMATION** | |
| **Parent/Guardian Name(s)** |  |
| **Parent/Guardian Email** |  |
| **Parent/Guardian Home Phone** |  |
| **Parent/Guardian**  **Cell Phone** |  |
| **Other:** |  |
| **Preferred Contact (circle one)** | Email Home Cell Other |
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**PARENT INFORMATION**

* While I stress the responsibility of every individual for their own behavior and grades, that doesn’t mean we want to leave parents and guardians out of the loop! Each family has an access to the PowerSchool, which enables parents and guardians to check grades, missing assignments, absences, etc. any time.
* Please send me an e-mail so that I have the most up-to-date e-mail information. In the subject line, please put your child’s name as well as the period I have your child. Then, in one-million words or less, tell me about your scholar! Please let me know their strengths, areas to focus on, and anything else that would make this year better for us. If you do not have access to e-mail, please send a note answering the above with your child to school.
* If you have any questions, please don’t hesitate to email me at **rrstuar1@asu.edu** or call me at (602) 496-3067.

**Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cohort: \_\_\_\_\_\_\_\_**

**Ms. Stuart’s Math Class**

**Teacher/Parent/Student Contract**

**MS. STUART’S COMMITMENT:**

* Show respect for each student and their family.
* Make efficient use of learning time.
* Provide a safe and comfortable environment that's conducive to learning.
* Help each student grow to their fullest potential.
* Enforce school and classroom rules fairly and consistently.
* Supply students and parents with clear evaluations of progress and achievement.
* Use hands-on activities in the classroom to make learning enjoyable.
* Demonstrate professional behavior and a positive attitude.

**PARENT/GUARDIAN COMMITMENT:** Please initial next to each statement, affirming you have read and you agree to the following expectations.

\_\_\_\_\_\_\_ Show respect and support for my child, the teachers, and the school.

\_\_\_\_\_\_\_ Support the school's discipline policy.

\_\_\_\_\_\_\_ Provide a quiet, well-lit place for study/homework.

\_\_\_\_\_\_\_ Attend parent-teacher conferences.

\_\_\_\_\_\_\_ Communicate any concerns with my child’s teacher.

\_\_\_\_\_\_\_ Read, sign, and return progress reports and teacher communications.

**STUDENT COMMITMENT:** Please initial next to each statement, affirming you have read and you agree to the following expectations.

\_\_\_\_\_\_\_ I will always try to do my best work.

\_\_\_\_\_\_\_ I will respect the rights of others at all times.

\_\_\_\_\_\_\_ I will obey classroom and school rules.

\_\_\_\_\_\_\_ I will believe that I can and will learn.

\_\_\_\_\_\_\_ I will come to school prepared to work and with necessary materials.

\_\_\_\_\_\_\_ I will complete all assignments on time.

\_\_\_\_\_\_\_ I will ask Ms. Stuart for help when needed.

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_**

**Parent/Guardian Name (printed): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_**