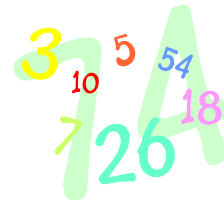


Mathematics 6
Mathematics Department
Cole Middle School
2016-2017



Instructor: Mrs. Brightman

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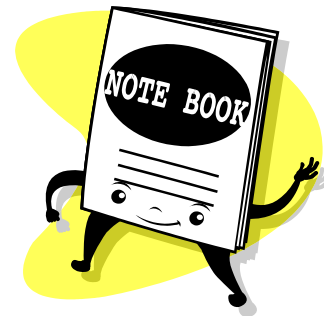
Course Description

Mathematics 6 focuses on four areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing an 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 an understanding of statistical thinking.

Materials

You must come to class prepared each day with the following materials:

- 1 $\frac{1}{2}$ " White Binder filled with loose-leaf paper
- Agenda Book
- Nightly Practice Folder
- Pencils
- Eraser
- Silent Reading Book



A Note About Calculators

Some tasks or assessments (including a portion of the state assessment) allow - but do not require - the use of a four-function or scientific calculator. Consequently, you may want to have a four-function or scientific calculator with you during class and while working on some assignments.

Grading Policy

You will be assessed throughout the quarter in a variety of ways. Grading will be based on a weighting system as follows:

- | | |
|---------------------------|-----|
| • Assessments | 85% |
| • Nightly Practice | 10% |
| • Reflection and Revision | 5% |

Assessments

Assessments consist of quizzes and tests, which serve as tools to identify strengths and weaknesses with respect to topics which have been studied. Quizzes are short and take usually less than 30 minutes to complete, while tests typically take an entire class period. Please note that tests are announced at least one week in advance while quizzes are announced a couple of days in advance.

Nightly Practice

Practice assignments will be given each day and are to be completed for the next class meeting. The purpose of these assignments is to provide practice and reinforcement of the skills and concepts introduced. Mathematics is a subject in which an understanding of previous concepts is required in order to comprehend later topics; therefore, it is imperative that you keep up with the nightly practice in order to achieve success in this course.



Assignments will be posted on the nightly practice board in the classroom. It is your responsibility to copy down the homework into your agenda book.

Reflection and Revision

Reflection and revision consist primarily of review packet corrections and assessment corrections. Review packets are given prior to a quiz or test. Answers to these packets are provided in class and then any question answered incorrectly is expected to be re-worked until the correct answer is achieved. Assessment corrections tend to be more tedious to complete because in addition to re-working problems, you also need to self assess and understand where the original error was made. Both of these correction-type assignments are essential to the learning process as you are learning from your mistakes.



Extra Help

Your success in math class is very important to me. If you are having difficulty with the material please see me immediately. Extra help days will be posted on the homework board at the beginning of each week. Please notify me in advance if you plan on coming for extra help.

Absence

If you are absent it is your responsibility to get the work that you missed. The class website contains daily class notes, handouts, and a list of the weekly practice assignments. Please check the website prior to returning to school from an absence to ensure you have all the necessary materials. An assignment book will also be kept in the classroom and will contain daily assignments and handouts. Depending on whether the absence was excused or unexcused will determine the time frame for when the work can be made up. Tests or quizzes that were missed must be made up after school.



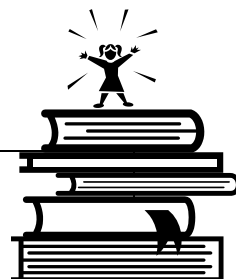


Quarterly Assessments

Cumulative assessments will be given at the end of each quarter. These assessments will encompass all of the concepts and skills introduced up until that point. A final exam is also scheduled for the end of the year. This exam will include all of the material presented throughout the year. In order to appropriately prepare for these assessments, it is essential that you keep all of your notes and assessments well organized.

Expectations:

1. Demonstrate respect for yourself, teachers/staff, peers, and property.
2. Come to class on time and prepared with all necessary materials.
3. Be seated before the bell rings. Have homework on your desk ready to be corrected.
4. During classroom discussions, raise your hand if you have something to say related to the topic or if you have a question to ask.
5. Do not leave your seat without permission.
6. The teacher, not the bell, dismisses you at the end of each class period.
7. Eat and drink only in the cafeteria. Water bottles are encouraged.
8. Be silent during both morning and afternoon announcements.
9. Be silent during quizzes and tests. The Avalanche Team has a zero tolerance policy for cheating. If you are talking, your paper will be taken, you will receive a zero on that assessment, and a call home will be made.
10. Behave appropriately at all times. Inappropriate behavior will result in consequences such as removal from class, detention, referral to an administrator, or parent conference.
11. All rules listed above apply when a substitute teacher is present.



Values:

1. Learning from mistakes
2. Perseverance, especially when it's hard
3. Positive thinking
4. Respect, cooperation, and fun.



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