

7TH GRADE: Mathematics

Teacher:

Miss Aguilar

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Class Description: Seventh grade mathematics at Waters Elementary promotes a problem-centered learning environment. Students will be able to develop understanding of important concepts, skills, procedures, and ways of thinking and reasoning.

Classroom Expectations: Waters Wildcat ROARRespectful

- We respect others thoughts, ideas and views.
- We respect our class time.
- We respect the work of others.
- We respect the teacher and school staff.

Organized

- We write down all assignments and keep track of our work.
- We turn in our work on time.
- We follow directions.
- We take good notes.

Accountable

- We can share what we learned.
- We set goals.
- We fix our mistakes.
- We own up to our actions.

Responsible

- We complete all assignments.
- We come prepared to work.
- We take care of all math materials.
- We participate in all activities.

Materials: In order to be prepared for class, students will need to bring the needed supplies daily.

- Math Notebook
- Student Planner
- Writing Utensil
- Graphing Calculator

Textbooks: Students will be supplied with a textbook for each unit we cover. The students are expected to bring these books to class on a daily basis. These books are school property, therefore students should not write on or annotate the books. There is a digital version of the textbook on Pearson Realize for students to access at home.

Topics of Study:

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|------------------------------|---|-----------------------------------|
| ★Two-Dimensional Geometry | ★Ratios, Rates, Percents, & Proportions | ★Three-Dimensional Measurement |
| ★Integers & Rational Numbers | ★Linear Relationships | ★Making Comparisons & Predictions |
| ★Understanding Similarity | | |

Mathematical Practices:

1. Make sense of problem 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 use of structure.
8. Look for and express regularity in repeated reasoning.



Grading: Grading is done on a percentage system for the our content areas, as followed:

40% =Summative Assessments

25% =Formative Assessments

25% =Classroom Activities

10% =Homework

Grading Scale:

√ + + or 90%-100% =A

√ + or 89%-80% =B

√ or 79%-70% =C

√ - or 69%-60% =D

√ - - or 59% or Below =F

Homework: Students will receive out of class work on a regular basis. This may be homework or projects. Homework will consist of ACE problems, bookwork or other reinforcement type activities.

The following is the Waters School homework policy:

"The purpose of homework is two-fold: to reinforce what we have learned in class and to teach responsibility. A child who has done his/her homework is prepared in class to hear explanations of what he/she might have had trouble with at home. If an unusual circumstance prevents your child from doing his/her homework (sickness, injury, or other serious problems), we ask that you please send a note with your child in the morning so that he/she can be excused and have an opportunity to make it up."

Late/Make-Up Work: Students will be given a week from the due date or upon a return from an excused absence to make up any late/missing assignments or homework. It is up to the student if they are absent, to find out what they missed and to turn the work in. Students will not be given credit for any work submitted after the one-week grace period.

Communication: Assignments are posted on a daily basis in the classroom; students are responsible for updating their planners everyday and communicating with teacher for missing assignment. Please review the planner with your child to ensure that assignments are being completed. Students parents are strongly encouraged to sign up and use Aspen to access grades from home over the internet at any time. If you have any questions or concerns, please do not hesitate to contact me. Please allow 24-48hrs for me to respond, our days are busy and I do not always have the opportunity to check my email before the end of the school day. If there is an emergency, please contact the office and they will relay the message to me.

