



**2022 – 2023 Algebraic Reasoning
Westside High School**

Course Description

In Algebraic Reasoning, students build on the knowledge and skills for mathematics in Kindergarten- Grade 8 and Algebra I, continue with the development on mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

Expectations:

Expectations for You:

1) Be Present

- a) Be ready to learn at the beginning of every class.
- b) Attendance in class is vital! If you miss class you are missing material, likely new material, that you have not seen before. Good attendance is a good indicator for success in this class.
- c) If you miss a class make sure to reach out to me on Teams.

2) Be Prepared

- a) Make sure you complete the pre-learning for every class whether that is reading, videos, practice problems or any combination of these items.
- b) Have your notebook with your class notes ready to fill out as you are completing the exercises
- c) Keep a calendar with all of your high school assignment due dates and all of your college assignment due dates in it so you do not miss anything.
- d) Complete your assignments in a timely manner to the best of your ability

3) Be on Task

- a) Our time is precious! It is **IMPERATIVE** that you are actively discussing and interacting with the math. Off task behavior cannot be tolerated for any reason as we have so much to cover in such a short period of time.
- b) **ALWAYS AUTHENTICALLY TRY** (and we will not have any issues)



4) Be the Best You Can Be

- a) Come to class ready to learn with a good attitude
- b) Be positive in class because negativity does not help anybody especially you!
- c) Be respectful to me and your classmates. Remember to also be respectful to yourself !

Expectations For Me (what you can expect from me every day):

- 1) I will treat you with respect and dignity
- 2) I will work every day to make you more confident and astute at mathematics
- 3) While I will not always answer your questions directly, I will provide you with an environment in which you can investigate unanswered questions.
- 4) I will help you be organized.
- 5) I will be honest with you and fair about grading and discipline practices
- 6) I will come to class with a positive attitude and ready to learn from my students



22/23 Bell Schedule



Mon/Tues/Fri

1st Period	7:45 - 8:45
2nd Period	8:50 - 9:41
3rd Period	9:46 - 10:37
4th Period	10:42 - 11:33
LUNCH	11:37 - 12:33
5th Period	12:42 - 1:33
6th Period	1:38 - 2:29
7th Period	2:34 - 3:25

Wednesday & Thursday

1st Period	7:45 - 8:45
3rd/2nd Period	8:50 - 10:22
Pack Time	10:27 - 11:07
LUNCH	11:11 - 12:07
5th/4th Period	12:16 - 1:48
7th/6th Period	1:53 - 3:25

Tutorials:

Tutorials and opportunities to complete make-up work due to an absence will be held in my classroom during the tutorial times. Office hours are tentatively in the morning, lunch, and afterschool. Some days I will have school duties and not be able to attend so please ask!

Grading System

- **70% of 6 weeks average = Major Grades**
Tests—given according to 6 weeks calendar.
- **30% of 6 weeks average = Quiz Grades/Homework/Classwork Grades**

Work must be shown to receive credit for all assignments, quizzes and tests.



Retake Policy:

- Only major grades are eligible for a retake.
- A student will be allowed **one** opportunity to retake an exam if he/she completes all the following: attend necessary tutorials, complete necessary homework, and/or complete test corrections.
- Retakes will only be given on designated days.
- If a student misses the retake date, he/she will not be given a second opportunity.
- Retake must be completed within the designated deadline.
- Retake dates are to be scheduled by the teacher and announced in class.
- Retakes are for grades below 70.
- Retakes are capped at 70.

Academic Dishonesty:

Cheating, plagiarism, or copying the work of other students will receive a consequence according to the HISD Student Code of Conduct.

You are expected to follow all District Rules in class and adhere to the dress code at all times. I expect you to be prepared daily, be polite, and be on time.



Algebraic Reasoning

Please fill out the following information and sign acknowledging that you have received and read the syllabus.

Student Name: _____ Period: _____

Student Signature: _____

1st Parent/Guardian Contact:

1st Parent/Guardian Name: _____

Email: _____

Phone Number: _____ Cell / Home / Work

_____ Cell / Home / Work

2nd Parent/Guardian Contact: (if applicable)

2nd Parent/Guardian Name: _____

Email: _____

Phone Number: _____ Cell / Home / Work

_____ Cell / Home / Work

Parent/Guardian Signature: _____