

Honors Algebra

Lithia Springs High School – Academic Year 2023-2024

Teacher: **Felicia Macecevic**

Email: felicia.macecevic@douglas.k12.ga.us

Room: A107

School Website: <https://lshs.dcssga.org/>

School Number: 770-651-6700

My Website: [Felicia Macecevic - Lithia Springs High School \(dcssga.org\)](https://www.feliciamacecevic.com/)

My Number: 770-651-6848

Course Description

Algebra: Concepts and Connections is the first course in a sequence of three high school courses designed to ensure career and college readiness. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning. High school course content standards are listed by big ideas including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometric and Spatial Reasoning.

This course requires a STEM Journal. <https://www.georgiastandards.org/Georgia-Standards/Pages/Math-9-12.aspx>

Course Policies

- Transfer of Students' Averages and Report Card Four and a Half Week Averages: The teacher will assign each grade in the grade book with the students' transfer average.
- LSHS absence and tardy policy will be enforced. Arrival to class after 10 minutes constitutes skipping and/or unauthorized area unless of course he/she is just arriving at school. In this case the student will have an excuse/pass from the attendance office. A tardy to class is within the first 10 minutes of class. Students who are tardy may receive discipline from the administration such as parent conference, detention, in-school suspension, loss of parking privileges, and/or loss of extracurricular privileges.
- Students have the opportunity to make up work for absences, *Absent* must be written when submitting work missed due to an absence so that the absence policy guidelines can be used. Please note initially missing grades are entered as an *M* which calculates as a zero and this is entered when said assignment is graded. This *M* can be replaced providing the missing work is submitted in a timely manner.
- Late work will be accepted as follows and graded as time permits. Late work is classified as work that is not turned in on time not due to excused or unexcused absences. Late submissions will receive a maximum grade of 70% and will only be accepted until the end of each 4.5-week grading period.
- Academic Honesty: Study groups on homework assignments outside of class are permitted and encouraged as long as it is used as a learning method. However, cheating, plagiarism, and other forms of poor academic conduct are not tolerated. Summative and Formative Assessments are designed to measure levels of mastery and must be the individual's product. Breaches of this policy will result in consequences including (but not limited to) a grade of zero on the assignment to a discipline referral – based on teacher's discretion. Grades entered in infinite campus reflect what the student was provided.
- Incomplete Grades: Incompletes are awarded to students who did not complete their Final exam upon finishing the course, and/or have major grades missing due to an unexpected absence or illness. For a missing Final exam incomplete will be converted to a numeric grade once the student completes the Final, or if the student is given numerous opportunities to take the test and fails to do so a zero will be awarded for the Final score. For missing exams or major grades, students have ten days to complete the missing items.
- Retesting: Students can retest to improve their grade, if they earned less than a 70. Students who choose to retest will be able to earn up to a 70 for that test. See student evaluations on page 3 for Retest criteria. There is no retest for the Final Exam.
- Grade Appeal: A student/parent has 5 business days from the date report cards are issued to appeal the final grade. The building principal's decision is final.

**Any course policy may be altered or waived based on the teacher's and/or building level administrator's discretion.*

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Lithia Springs High School “House Rules”

- Always be on time and prepared to learn, this includes logging into our Google Classroom immediately.
- Expect to actively participate, assist as needed in class and take good care of technology items provided.
- Passes will not be issued during the first or last 15 minutes of class (4 emergency passes every 9 weeks).
- Hats, hoods, headbands, etc. and too short clothing are not to be worn in the school building/classroom.
- All non-chrome book electronic devices brought into the classroom, including phones, iPods, earbuds, etc., must remain turned off and out of sight or they may be confiscated (2nd offense). Confiscated items will be turned into the front office and a detention will be written.
- Please stay in your class and in your seat until you are dismissed (the bell doesn't dismiss you).
- Thank you for helping with assisting in keeping our high school/classroom clean by picking up around your area and throwing your trash away at the end of the period.

Tardy Policy – Be sure to reference the Student Handbook.

Tardies to School

All students are expected to be in school before 8:20 AM. Any student arriving at school after 8:20 AM should report to the attendance clerk where the tardy will be documented as excused or unexcused according to the Board Policy. Students arriving after 8:20 AM that do not properly sign in will receive disciplinary action from the administration such as parent conference, detention, in-school suspension, loss of parking privileges, and/or loss of extracurricular privileges.

Tardies to Class – Also Included in page one of this Syllabus.

Arrival to class after 10 minutes constitutes skipping and/or unauthorized area unless of course he/she is just arriving at school. In this case the student will have an excuse/pass from the attendance office. A tardy to class is within the first 10 minutes of class. Students who are tardy may receive discipline from the administration such as parent conference, detention, in-school suspension, loss of parking privileges, and/or loss of extracurricular privileges.

Tardy Policy

Tardies will be recorded through the Student Conductor system and teacher input through Infinite Campus. Tardies to school and/or to class may include disciplinary action such as parent conference, detention, in-school suspension, loss of parking privileges, and/or loss of extra-curricular privileges. After THREE tardies either to school or to classes you will receive a detention before school at 7:30 a.m. to 8:00 a.m. and afternoons 3:15 to 3:45 p.m. Failure to serve detention leads to escalated consequences. Detention will be assigned for every third tardy.

School Behavior Management Plan, etc. –

Be sure to reference *the Student Handbook for details on this and other school-wide policies.*

Course Expectations

- Come to class prepared and ready to learn with charged Chromebook, notebook, supplies, and assignments.
- Stay focused and on task – getting out of focus leads to misunderstanding, confusion, and distraction.
- Be ready to actively participate, assist/teach/explain as needed – ask questions, explain thoughts and ideas.
- Assignments are to be completed and submitted in a timely manner.
- Sharpen your study skills. You will need to study/review independently DAILY.
- Set high goals for yourself and put forth your best effort to attain them. Maintain a STEM Journal
- Take advantage of my help and your peers' help as this will be student driven/lead most days. The best chance for success is to get involved in a study group.
- Attendance to class is vital. Each day we will be learning new material/sharpening old material. If absent you are expected to check the website (calendar) and Google Classroom before the next class to see what you missed.

Students who consistently meet and exceed course expectations will be rewarded with homework passes, positive calls home to parents, bonus points on classwork, etc. The decision for the reward is based on teacher's discretion.

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Course Goal

Primary Goal: To enable all students to earn credit for this course towards graduation.

Secondary Goal: To enable all students to demonstrate mastery as determined by Common Assessment

Data. Tertiary Goal: To produce graduates that are motivated, life-long learners, and productive global citizens.

Mathematics Department Grading Policy

Grading Plan

50% - Summative Evaluations: Common Unit Assessments/ Teacher Generated Assessments, Culminating Projects

40% - Formative Evaluations: Teacher Generated Quizzes, Classwork, Homework Assignments, Labs, STEM Journals, Reflections

10% - End of Course Examination: This course has a Georgia Milestones examination.

Student Evaluations

1. **Class work/Homework** will be assigned almost daily and might be checked for completeness. Upon instructor's discretion, certain class work/homework assignments may be collected and graded for accuracy. During each 9 week period there should be at least 18 but no more than 36 class work/homework assignments depending on mathematics course level.

2. **Tests/Quizzes/Tasks** will be given at teacher discretion to assess student success and upon completion of unit to determine student readiness for Common assessments. Throughout each Semester, there should be at least 10 but no more than 20 tests/quizzes/tasks depending on mathematics course level.

* **Retesting:** *Students can retest to improve their grade, if they earned less than a 70. In order to retest an email must be sent at least two days prior to the requested retest date. Students who choose to retest will be able to earn up to a 70 for that test. After school and in class retest dates will be determined and announced in advance.*

3. **End of Course Test (EOC):**

EOC is a comprehensive exam provided by the State of Georgia to assess student content knowledge and skill in the course. This exam is required and will be given towards the end of the semester. Please Note that there are no retakes on EOC's/ Final Exams.

Grading Scale

A: 100 – 90

B: 89 – 80

C: 79 – 71

D: 70

F: below 70

Note: Administrators and department heads will keep a syllabus in their files for each teacher that explains in more detail their classroom philosophy, expectations, and protocol.

Course Schedule

- Unit 1: Modeling Linear Functions
- Unit 2: Analyzing Linear Inequalities
- Unit 3: Investigating Rational and Irrational Numbers
- Unit 4: Modeling and Analyzing Quadratic Functions
- Unit 5: Modeling and Analyzing Exponential Expressions & Equations
- Unit 6: Analyzing Exponential Functions
- Unit 7: Investigating Data
- Unit 8: Algebraic Connections to Geometric Concepts
- Unit 9: Culminating Capstone Unit

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Required Course Material

Chrome Book/Laptop with Internet access

Suggested Course Materials List

- 2 Composition Notebooks
- 2 Packs Graph Paper
- 2 Packs of Mini dry erase markers
- 2 Packs of Mechanical Pencils
- 3 Ring Binder with at least 4 Dividers

Tutoring

Note all students have access to FREE 24/7 math tutoring using the FEV Tutor icon in Classlinks (our Portal) - along with in person tutoring on Thursdays after school in A107 3:15pm – 3:45pm.

Course Resources

Desmos - Graphing Calculator (*Use this website or app as your at home Graphing Calculator*)

<https://www.desmos.com/calculator>

Let's Look Ahead or Review Independently for Algebra 1:

<https://algebra.flippedmath.com/>

iXL Algebra I

<https://www.ixl.com/math/algebra-1>

Math TV

<http://www.mathtv.com/>

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Syllabus Verification for Honors Algebra

Mrs. Macecevic

You may view the syllabus and any other information via the school's website. Go to Lithia Springs High School main website, find my name on the school staff link, and then click on forms.

You may also contact me at any time throughout the semester for a copy of the syllabus if you would like a hard copy. Your child will be provided a paper copy of this syllabus and a digital copy is available on my school website.

Video Permission

Lithia Springs High School will be engaging in a professional learning opportunity with teachers during the 2023-2024 school year that will include videoing in their classroom in an effort to increase research-based teaching practices. Each video will be used for professional learning and only viewed by certified school personnel. By signing below you understand that during videoing, your child may be included in the video and also understand that the video will not be published.

Parent/Guardian and student please sign and return this entire page.

I, _____ (*print student name*) agree to the standards and rules set forth by the syllabus for this course and comply with the video statement above.

I, _____ (*print parent/guardian name*) agree to the standards and rules set forth by the syllabus for this course and comply with the video statement above.

Student Signature

Parent Guardian Signature

Date

Student Email: _____

Parent Email: _____

Parent/Guardian Phone Number: _____ (Cell)

Parent/Guardian Phone Number: _____ (Other)