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|  | LOVELL HIGH SCHOOL Geometry 2018-2019 Syllabus | Jennifer Gardner Lovell High School 502 Hampshire Ave Lovell, WY 82431 (307)-548-2256 jgardner@bgh2.org Prep Period: 8th |
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A Grade Is Earned, Not Given.

LHS Vision - “Prepare, Inspire and Educate”

The district vision is to foster a learning environment that will inspire all students to utilize their given abilities to their highest potential as detailed in the Board Leadership Governance Expectations.

LHS Mission: “Prepare for the future; inspire to learn; educate for life”

The district mission is that students will have the knowledge and skills to become ethical, responsible, productive citizens and life-long learners.

LHS Philosophy: We Believe:

- All students can learn.
- Students learn best in a safe, orderly, and inviting environment.
- Students should have equal access to educational opportunities.
- Students have the responsibility to be active learners.
- Student should be challenged to become positive, self-motivated lifelong learners.
- Curriculum and instruction should meet the needs of all students and it should provide them with the skills necessary for their futures.
- Staff members should have high expectations for increasing student achievement by recognizing individual differences, needs, and fostering respect, responsibility, and discipline.
- Staff members are role models who foster positive relations with students, parents and community.
 - Educational experiences should enable students to learn to communicate effectively, solve problems competently, think critically and creatively, and act responsibly.
- Education is the shared responsibility of home, school, and community.

Course Description:

The class stresses the basic structure of geometry and proficiency in developing formal proof. Concepts of space geometry are integrated with plane geometry throughout the course. Algebraic skills are reviewed and strengthened as algebraic methods are applied to solving problems in geometry. In addition to the basic developments of geometry, this course also includes basic elements of right trigonometry, area and volume, coordinate geometry, and transformations.

Class Expectations and Requirements:

- **Class Participation-** is important! Each student is expected to take part in discussions on your own and/or when called upon.
- **Work outside of class-** expect it! Both short-term assignments, long-term projects and research will require your attention at home.
- If **you** are absent, **you** need to obtain assignments from me **after** class or school or at lunch or during flex time on the day you return.
- Be respectful and understanding of other's viewpoints in class discussions.
- Standard school and district policies will be followed.
- All make-up tests/quizzes must be made up in accordance with the student handbook. Students are required to make up their test/quiz within 2 days of the students return. If for some reason a student cannot be there other arrangements must be made with Mrs. Gardner ***PRIOR*** to the final date that the makeup is due. If a student does not make up a test/quiz it will become a zero until made up.

Videos:

When the curriculum allows we will be watching the TV show Numb3rs and Donald in Mathmagic Land to highlight how the math we are learning can be used in the "real world". If you would not like your student to watch this show and alternative assignment will be provided. Please contact Mrs. Gardner to let her know if this is your preference.

Supplies Needed:

Organization and preparedness are essential for a student's success. Each student must have the following supplies in class daily:

- 1) Paper, Spiral Notebook, pencils and erasers. Students may take notes in pen but pencil is needed for all math work.
- 2) Graphing Calculator: TI-83 plus graphing calculator will be sufficient for this class. Calculators will be provided during class and can only be checked out after school and must be returned before school the following day.

Textbook: Glencoe McGraw-Hill (Geometry)

Students will be supplied with an eBook. Any students who would like to check out a textbook can do so on request.

Homework Policy:

Students will have math homework on a daily basis. Odd problems assigned from the text are expected to be corrected at home. Answers are supplied in the back of the text. Homework will be tracked for completion. It is a student's responsibility to ask for help if they are experiencing difficulty with the homework. (I will work with all students who request additional help outside of classroom time. I want every student in my class to succeed and I will do my part to make that happen.)

Portfolios/Notebooks:

Students are required to keep a daily notebook. All class work from the semester (excluding projects) will be kept in this notebook including (but not limited to):

- ❑ Daily Starters
- ❑ Nightly Homework
- ❑ In Class Work
- ❑ Quizzes
- ❑ Unit Tests

Notebooks will be collected throughout the semester. Students need to have a single subject spiral notebook that is used SOLELY for Algebra. At the start of each semester students will need to start a new notebook. Except when turned in for grading students should bring the notebook to class every day!

Assessment Policy:

Students will be given multiple opportunities to show mastery of content standards.

- **Projects:** Projects will be collected the day they are due by 3:30 unless you are out sick. Each day it is late the grade will be dropped by 10% (For example, one day late the highest possible grade is 90%, two days late the highest possible grade is an 80%, etc.). Students may avoid the 10% off by showing proof of attendance to a tutoring session (not a tutoring CLASS). One session must be completed for each day late to receive full credit. Projects will not be accepted after 10 school days (even with tutoring).
 - **Quizzes:** The retake for the quiz is built into the chapter test. Students will be able to earn points back on the quiz if they show mastery on the chapter test with those standards covered on the quiz.
 - **Tests:** Student's will have two opportunities for revision. All Unit/Chapters will have a group test before the individual chapter test. Students may replace their group test score with their individual test scores. Students who would like to improve their performance on the individual chapter test can do test corrections for any questions they missed. Once corrections are completed students have the option of either having the corrections scored for $\frac{1}{2}$ the points back they missed or taking a new chapter test. For students wanting $\frac{1}{2}$ points back they must present their corrections to Mrs. Gardner during flex time. For students who take the new chapter test the score on the retake will replace the original test score. **All students wanting to revise their individual test must have 100% of the homework for the unit completed.** Students who want to do a retake may show 100% mastery of the concepts on IXL instead of doing corrections to do a retake. IXL topics are determined by the Mrs. Gardner for each unit. IXL is a great option for students who need immediate feedback as it will adjust the problem set based on students answers and offer guided support on problems students get wrong. Generally, students have 2 weeks following the chapter test to submit the corrections, do IXL work and schedule the retake. This may be extended if the student is working on the essentials worksheet. Students needing to extend the 2-week deadline must talk to Mrs. Gardner before the deadline is up. Students can get assistance with their corrections and IXL work from Mrs. Gardner during Flex, during class work time or by arranging a time at lunch before/after school.
 - **Vocab Quizzes:** Each unit students will be taking a vocab quiz. Students will be allowed to retake these during FLEX if they do not score 100% the first time. However, students will be required to submit a vocabulary revision page for each word they would like to retest on.
 - **Essential Worksheets:** Students will be required to score 70% or higher on essential worksheets. Students who do not do this during the provided class time will be given additional time to do this and additional support to make sure they are understanding the skills required.
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Evaluation/Assessment Procedures (Weighted Scale):

Student grading scale will be determined according to the standard set by the school board for Lovell High School.

| <u>Grading Scale</u> | <u>Semester</u> | |
|-----------------------------|--|-----|
| A=90-100% | Tests/quizzes | 45% |
| B=80-89% | Essential Worksheets | 20% |
| C=70-79% | Projects, Classwork, Problem of the Unit | 25% |
| D=65-69% | | |
| F=Below 65% | Vocab Quizzes | 10% |

Tutoring:

I highly encourage tutoring if students are not feeling successful. I ask that students let me know if they need additional tutoring outside of flex time to make sure I don't have another meeting.

Tardy Policy:

Students must sign in on the tardy sign in sheet inside the classroom door before joining the class. There will be in class consequences for every tardy incident. Repeated tardiness may result in needed corrective actions that may include out of class conference with Mrs. Gardner, parent contact, detention, or other effective measures needed.

After 10 tardy incidents a student will be referred to the main office for discipline action.

Discipline Policy:

In order to maintain a high level of behavior and concentration in our classroom, we will be using Classcraft. Most discipline issues will be dealt with through the game. However, any sever issues will be handled based on the guidelines established in the student handbook.

Disclaimer:

Items in this syllabus are subject to change based on the instructor's discretion.

We have read the information in the Geometry syllabus and we understand each of the policies.

(Student printed name)

(Date)

(Student signature)

(Student Email address)

(Parent/Guardian printed name)

(Date)

(Parent/Guardian signature)

(Please list the best time to reach a parent or guardian as well as the best phone number/email address.)

Time _____

Email _____

Phone Number _____

Is there a computer at home with internet access your child may use? _____

Please return this sheet by Friday August 24th.