

## Honors Geometry

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### **Class Description:**

In Geometry, your child will be learning about the visual side of mathematics. In this course, he or she discover various relationships between 2-D and 3-D figures, as well as developing problem solving skills that allow them to prove these different relationships. However, Geometry is so much more than just lines, shapes and angles! My goal for your child is to not only succeed in my class, but to further develop skills such as effective communication, critical thinking, and the ability to construct a solid argument.

### **Materials:**

- Notebook: This is something new that I am trying but if done correctly, it should greatly help with their organization! This allows your child to keep all of their notes and homework in one organized place (if done correctly) and reduces the risk of losing anything.
- TI-nspire, TI-83 or TI-84 calculator: While there is not a heavy use of a graphing calculator in this class, there will be activities that do require them to have this type of calculator. The math department has switched to TI-nspires this year so each math classroom has 10 TI-nspires that students are free to use in class. While all demonstrations will be done with this calculator, if your child only has a TI-83 or TI-84, please do not feel like you need to purchase a TI-nspire. Accommodations will always be made so that they can do the activities in class.

### **Grading:**

- Grading scale:
  - 90-100: A
  - 80-89: B
  - 70-79: C
  - 60-69: D
  - Below 60: F
- Every assignment, project, quiz, and exam is based on a points system. For example, projects and exams will be worth more points than a homework assignment so that they will affect the grade more.
- Semester Grade Calculation:
  - 1<sup>st</sup> Grading Period: 40%
  - 2<sup>nd</sup> Grading Period: 40%
  - Cumulative Final Exam: 20%
- Extra Credit: Students will be allowed to correct their mistakes on their exams to gain up to half the credit back. To do so, they will be given one week from the day they receive their exam to correct mistakes and explain in complete sentences what they did wrong and what they did to correct it. Once completed, I will check their work and add the points they gained onto their original test score.