HAVRE HIGH SCHOOL

PO BOX 7791 / 900 18TH STREET, HAVRE, MT 59501 406-395-8551

Dear Parents and Families of Geometry Students,

Due to staffing shortages in the district, we will be offering Geometry to students through the Edgenuity platform. Here are some excerpts from the Edgenuity website:

> Edgenuity's award-winning courses combine rigorous content with direct-instruction videos from expert, on-screen teachers with interactive learning tools and resources to engage and motivate students. Online courses for core curriculum, AP®, elective, Career and Technical Education (CTE), dual credit, and credit recovery are based on the rigor and high expectations of state and Common Core standards.
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> Edgenuity gives schools the flexibility to offer the right courses for students' needs. Designed to inspire lifelong learning, Edgenuity's courses can be used in any blended or online learning mode

- Feature extended instruction and assignments for complete coverage of standards
- Contain teacher-graded assignments
- Take an average of 50 hours per semester

The program will be supervised during a specific period within the student's schedule by a certified high school teacher. It is the hope that this temporary arrangement will be rectified with the hire of an additional math instructor. When this occurs, students will receive instruction in a more traditional, face to face model.

Here is the course description from Edgenuity:

> This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

Students will be graded within the course by assignment completion, correct responses, and through assessments. The assignments and assessments will be managed by the teacher in the classroom with the students.

We apologize for the lateness of this communication, please know that the district has continued to search for qualified math instructors and the decision to offer this course in this format was the last resort. Please contact me if you have any questions.

Sincerely,

Mr. Norman
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