

GEOMETRY SYLLABUS---2011-12 SCHOOL YEAR

EXPECTATIONS:

- 1) Be on time and prepared for learning (best you can be)
- 2) Complete assigned work on-time
- 3) Demonstrate academic proficiency
- 4) Use work time appropriately
- 5) Demonstrate respect for people and school property
- 6) Respond appropriately to staff member directives

MATERIALS NEEDED FOR GEOMETRY:

- 1) A compass/protractor will be needed for Ch. 3 and at other various times
- 2) A (basic 4 operation) calculator will be very HELPFUL in many chapters
- 3) A file folder for notes & conjectures will be vital for your success

Course Description: The text “Discovering Geometry” has been written so that students have the opportunity to think, discuss, and work together as they actually “DO” Geometry. Students will perform many different types of investigations that will allow them to DISCOVER and make CONJECTURES about all the wonderful properties that make Geometry what it is!

“General Course Outline”

Semester #1:

- I. Chapter 1: Inductive Reasoning
A. Lessons 1.1 thru 1.7---12 days
- II. Chapter 2: Introducing Geometry
A. Lessons 2.1 thru 2.10---16 days
- III. Chapter 3: Tools of Geometry
A. Lessons 3.1 thru 3.9---14 days
- IV. Chapter 4: Line & Angle Properties
A. Lessons 4.1 thru 4.8---13 days
- V. Chapter 5: Triangle Properties
A. Lessons 5.1 thru 5.8---13 days
- VI. Chapter 6: Polygon Properties
A. Lessons 6.1 thru 6.7---12 days
- VII. SEMESTER REVIEW & TEST

Semester #2:

- I. Chapter 7: Circles
A. Lessons 7.1 thru 7.7---12 days
- II. Chapter 9: Area
A. Lessons 9.1 thru 9.9---15 days
- III. Chapter 10: Pythagorean Th.
A. Lessons 10.1 thru 10.10---15 days
- IV. Chapter 11: Volume
A. Lessons 11.1 thru 11.---15 days
- V. Chapter 12: Similarity
A. Lessons 12.1 thru 12.8---15 days
- VI. Chapter 13: Trigonometry
A. Lessons 13.1 thru 13.6---11 days
- VII. Chapter 15: Geometric Proofs
A. Lessons 15.1 thru 15.8---14 days
- VIII. SEMESTER REVIEW & TEST

GRADING SCALE: 92.5% = A; 85.5% = B; 76.5% = C; 69.5% = D (+/- on school website)

TOTAL POINTS SYSTEM: EX.) 958/1115 = 86%

School Phone #: 443-4332 Mr. Watton Ext.#: 3201 e-mail address: mwatton@esu2.org

*Please contact me any time you have a question concerning your child!