

# Geom/ Geometry

This class is delivered through an online program called Acellus, with extra support and instruction provided by the teacher.

<https://www.science.edu/acellus/course/acellus-geometry/>

## **Course topics include:**

- geometric concepts,
- mathematical reasoning and proof skills
- parallel and perpendicular lines with respect to angle measures and congruency
- various theorems/postulates related to triangles, right triangles, isosceles triangles, and polygons
- properties of parallelograms and various geometric figures
- perimeter and area
- volume as related to circles, spheres, cylinders, pyramids, cones, prisms

## **Course time frame:**

18-22 weeks (1 trimester)

Daily 90 minutes

## **Credit:**

Math

## **Google classroom:**

Not applicable, this course is currently taught using Acellus online courses with teacher support.

## **Course FAQs**

### **What are my technology needs?**

- Ipad/Chromebook/laptop (provided by the school)

### **What are the prerequisites I need in order to take this class?**

None

**Why should I take this course/What are the benefits?**

This is a math course that is required for graduation, it also is foundational and will build your skills for following an academic path of higher math courses. This course allows students to go at the pace they need to gain deeper understanding. The pacing is adjustable.

**What standards does this course cover?**

<https://www.oregon.gov/ode/educator-resources/standards/mathematics/Pages/MathStandards.aspx>

**How do you grade my work in this class?**

Wahtonka Community School uses a proficiency based grading system. Your grade is based upon rubrics with specific standards and requirements. In order to gain credit for this class you must meet these standards at the proficient or mastery level.

Course grades are usually broken down as follows:

**Mastery**

Letter = A+, A, A-

GPA = 4.0, 3.75, 3.5

Credit = 0.33

**Proficient**

Letter = B+, B, B-

GPA = 3.25, 3.0, 2.75

Credit = 0.33

**Developing**

Letter = C+, C, C-

GPA = 2.5, 2.0, 1.75

Credit = 0.15 - 0.05

**Basic/Emergent**

Letter = D, F

GPA = 1.5, 0

Credit = 0