

Types of Mathematics

Grades 11th – 12th

Overview	The purpose of this lesson plan is for students to learn about the different types of Mathematics (Algebra, Geometry, Trigonometry, Calculus, and Statistics). They must be able to explain what makes each type unique and different from the others. Each student must create an original poll on zohopolls.com relating to one or multiple of the different types of Mathematics.
Objective	After studying the different types of Mathematics, the student must be able to explain the differences between the different types of Mathematics with 95% accuracy.
Students	Students will be male and female and of all races. Students will be in high school from 11 th – 12 th grade.
Standards	
Materials	<ul style="list-style-type: none">• Textbook• Computer• Printer available
Procedure	<ol style="list-style-type: none">1. Beforehand, the class will discuss the different types of Mathematics, as well as each individual student will be expected to read the overviews in the textbook.2. Each student must create a Zoho Polls account.3. The individual student will create a poll. They must click to make it a private poll and to invite all of the students in the class including the teacher to the poll.4. The poll they create must be related to one or multiple of the types of Mathematics.5. Each student must then vote on the polls every student has created.6. They must note their answers to each poll on a word document. Each student must also include one or two sentences explaining why they chose the answer to the poll that they did.

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	<ul style="list-style-type: none">The short written responses will be turned in for a grade along with the poll they created.
Evaluation	<p>The short project will be worth 30 points.</p> <ul style="list-style-type: none">10 points – How well they constructed their personal poll.10 points – How well they backed-up their answers to their peer's polls by using the information they have learned about the different types of mathematics. <p>10 points – The information they use is 95% correct.</p>

