

Preparing for AP PRECALCULUS

SUMMER 2026

Dear future AP Precalculus students,

As you are hopefully enjoying your summer I want you to feel prepared and confident coming to AP Precalculus next year. Whether math is your favorite subject ever or you have had your share of struggles math (or maybe both!) I know that you can be successful in this course. Below is a list of skills you should be very familiar with prior to the start of this course. If there are any skills you are unsure of or would just like additional practice the QR code takes you to join a Delta Math section I have set up. On Delta Math you are able to try practice problems, see examples or watch videos walking you through examples step by step. You are welcome to complete as many (or as few) problems as you would like, this is not a graded assignment.

Topics to know before AP Precalculus

- Define function
- Find rate of change
- Name polynomials and identify key features (such as degree and leading coefficient)
- Graph using Desmos
- Find domain and range from a graph, table or equation
- Multiply and factor polynomials
- Identify and describe key features of parent functions (identity, quadratic, absolute value, square root, cubic, reciprocal)
- Transformations of functions
- Exponent rules
- add, subtract, multiply, divide and simplify radicals
- Rationalize denominators
- Pythagorean theorem
- Special right triangles
- Trig ratios

I look forward to meeting you in September!

-Mrs. Rodsaw

