As a student of mathematics, one encounters Pi in a variety of surprising places that seem to have nothing to do with circles. We will explore three of these situations: The Pin Drop Problem, Euler’s Identity and The Basel Problem.

Along the way, we will use some tools from Calculus and Pre-Calculus, including integration, infinite series, Taylor series, probability and imaginary numbers. If you’ve seen these concepts before, you’re ready to enjoy this talk!