## **The Woodside Priory Prime**

Akash Ganesan, Class of 2020

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1171140088888888888444088888000008074114444000004444114088880000008880471434408888000000880444400000044411117114444000444411111\\
111117721088841777111488801488012117111088077224000414148880411244117447114888047710880171771110888412400041711111112140411787111111\\
11111112108884171111270888448887181111774088412140004148888211111248804211771488801108801711111111088841774000417111714041911111111111\\
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This is a prime number that has 2926 digits. When it is written in a 22 by 133 grid, it displays the Priory logo! This year, I am taking AP Computer Science and I was looking for an interesting project to apply what I am learning. Prime numbers have always fascinated me. Ever since I learned about the Trinity Hall Prime and the Corpus Christi Prime, I wanted to make something like that for our school. After a few weeks of coding, and a lot of trial and error, I was able to find this prime number. I am glad that I am able to give this small gift back to the Priory community.

Also, I want to thank Mr. Paige and Ms. Hemiup for giving me the background in coding needed for this project. You can check that this is indeed a prime number using the online tool written by Dario Alpern at: https://www.alpertron.com.ar/ECM.HTM