



Project Lead the Way Engineering at Woodbridge Senior High School School Year 2019 -2020



Step One: Complete the following

Student Name: _____

Current School: _____ Student Number: _____

Address: _____

Telephone: _____ Contact Email: _____

Is Woodbridge Sr. High School the high school that you would attend regardless of acceptance into the PLTW program? _____

If **NO**, what would be your base high school? _____

Have you applied/ are applying to Advanced Placement Scholars @ WSHS? _____

Current Math Course: _____ Grades Q1: _____ Q2: _____ S1: _____

Current Science Course: _____ Grades Q1: _____ Q2: _____ S1: _____

All rising 9th graders are required to take Introduction to Engineering Design. If you are in a higher grade, which course are you applying for?

1st Choice: _____ 2nd Choice: _____

Step Two: Write a short essay on what Engineering means to you. Keep your response to under 500 words. Type your response if possible. If not able to, please print neatly. Attach it to application before forwarding it on to teacher.

Step Three: Sign the Application.

I understand that I am applying to a specialty program offered at Woodbridge Senior High School. PLTW courses will require hard work and commitment to successfully complete. I will put my best effort forward for all my classes at WSHS. Failure to maintain a passing grade in any of my classes may be sufficient grounds for my removal from the program. I also agree to take every End of Course exam for all PLTW classes in order to complete the program.

Student _____

Parent/Guardian: _____ Date _____

Step Four: Ask your current math or science teacher to complete the following and then to forward the application to your guidance counselor.

Teacher's recommendation: Please indicate your observations of the candidate's aptitude by scoring 0 (lowest) to 5 (highest) or N/O for not observed each of the following characteristics:

Teacher: _____ Course: _____

School: _____

____ Math skills ____ Problem solving ____ Work independently
____ Science Awareness ____ Follow directions ____ Work in Teams
____ Computer skills

Optional comments: _____

Step Five: Guidance Counselor.

Guidance counselor: Please print a copy of the applicant's transcript with S1 grades and send it together with this application to Mr. Carlos Castro at Woodbridge Senior High School by April 12th, 2019, via courier or email : castroca@pwcs.edu

Project Lead The Way (PLTW) is a national organization that was established to encourage and promote the study of engineering in high schools in the United States. Courses are project based and demand strong math and science skills. The five PLTW courses that Woodbridge Sr. High School will offer next year are: Introduction to Engineering Design (IED), Digital Electronics (DE), Principles of Engineering (POE), Civil Engineering and Architecture (CEA), and Engineering Design and Development (EDD). Enrollment in the program is limited therefore students who are interested must complete an application that will be reviewed by a selection committee. More information about the PLTW engineering program can be found at their website:

<http://www.pltw.org>



P.O. BOX 389 • MANASSAS, VA 20108 • 703.791.7200 • WWW.PWCS.EDU

Prince William County Public Schools (PWCS) does not discriminate in employment or in its educational programs and activities against qualified individuals on the basis of race, color, religion, national origin, sex, pregnancy, childbirth or related medical conditions, age, marital status, veteran status, or disability. PWCS provides equal access to the Boy Scouts and other designated youth groups. The following individual will handle inquiries regarding nondiscrimination policies, including Section 504 and Title IX:

*Associate Superintendent for Human Resources
Prince William County Public Schools, P.O. Box 389, Manassas, VA 20108*