Unfilled Programming Jobs Projected To Reach 1 Million by 2020 *

TEALS was started by professionals from high tech corporations to help fill the gap. Their ultimate goal is to build CS teacher capacity and build CS programs in every high school. When a school partners with TEALS the school dedicates one or two first period sections to teaching computer science and industry provides the instructor from corporations like Microsoft, Amazon, and Google for three years. The first year the industry professional teaches with the classroom teacher as a support. The second year the responsibility is split between the teacher and the industry representative. The third year the teacher takes over and the mentor supports.

Last year, Pat Ford, Business Education teacher at the Career Academy at Truman started the TEALS program.

At the Career Academy at Truman: Mr. Vince Woo and Ms. Heather Stoller from Amazon, and Mr. David Gray from Microsoft are providing instruction in Computer Science and programming.

How do students benefit? Pat Ford, classroom teacher explains, "the TEALS program has been a fabulous opportunity for students to interact with industry on a daily basis and understand the importance of what they are learning. It is one thing to add this program at Todd Beamer High next year. For more info go to http://www.tealsk12.org/

Preparing Students With Career Skills Using Technology

One of the ways Federal Way Public Schools is preparing students for careers using technology is through its Visual Communications Programs. The pictures above represent the work of some of the students in Chantelle Moran’s Photography, Advanced Photography, and AP 2D Studio Art courses at Federal Way High. These programs are offered throughout the district at all of the high schools.

What type of skills are learned in these classes? Students learn about Digital Single Lens Reflection cameras, how to control them manually, and to create compositions, that are appealing to the eye. Additionally, they learn editing with Adobe Photoshop. Students begin to build a portfolio of their work and how to prepare an image for framing.

The course is intended for those who would like to know more about the art of photography and computer advancements that are current to industry standards.

What career paths are open to our students taking the courses? Some of the career paths a student might pursue are: Freelance Photographer, Advertising/ Product Photographer, Catalog Photographer, Still Photographer/TV and Film, Photo Editor/Print and Online, Fashion Photographer, Fine Art Photographer, Multimedia Technician, Photo Stock Agency, and Photojournalist. Knowing these skills enhances other careers such as Computer Engineering, Web Design, Graphic Design, Art Direction, Marketing, and Promotion Design, and Creative Services.
Silk panels created by Thomas Jefferson students in Design and Applied Arts

Six new Career and Technical Teachers joined the staff at Federal Way High, Thomas Jefferson, Todd Beamer, and Sequoyah last fall.

Jennifer Piccardo, Teacher, Federal Way High school
Inscribed the Graphic Design program at FWHS in 2006, and is currently in her 8th year of teaching. Her previous 20 years of experience as a designer and project manager provided real life experience in the design field which she shares with her students. Ms. Piccardo currently teaches sections in Graphic Design, Cambridge Art, and Design & Applied Art.

Christine Hart
“Taking Graphic Design as a minor in college taught me some basics like color, design principles, and marketing. However, working in the real world has definitely expanded my scope of what graphic design can be and how many different aspects of it there are. It has been a great learning curve.”

Silk panels created by Thomas Jefferson students in Design and Applied Arts

Jennifer Piccardo, Teacher, Federal Way High school
Inscribed the Graphic Design program at FWHS in 2006, and is currently in her 8th year of teaching. Her previous 20 years of experience as a designer and project manager provided real life experience in the design field which she shares with her students. Ms. Piccardo currently teaches sections in Graphic Design, Cambridge Art, and Design & Applied Art.

Program Graduates
Briania Pizana
A 2013 graduate, Briania recently came to visit FWHS after successfully being accepted into the Seattle Central College Graphic Design program. During the visit she shared that out of 52 new students accepted into the SCC design program, her portfolio was one of only two high school portfolios accepted into this rigorous course. She felt not only well prepared but also completely satisfied with her experience and her new school.

Christine Hart
“Taking Graphic Design as a minor in college taught me some basics like color, design principles, and marketing. However, working in the real world has definitely expanded my scope of what graphic design can be and how many different aspects of it there are. It has been a great learning curve.”

Silk panels created by Thomas Jefferson students in Design and Applied Arts

Jennifer Piccardo, Teacher, Federal Way High school
Inscribed the Graphic Design program at FWHS in 2006, and is currently in her 8th year of teaching. Her previous 20 years of experience as a designer and project manager provided real life experience in the design field which she shares with her students. Ms. Piccardo currently teaches sections in Graphic Design, Cambridge Art, and Design & Applied Art.

Program Graduates
Briania Pizana
A 2013 graduate, Briania recently came to visit FWHS after successfully being accepted into the Seattle Central College Graphic Design program. During the visit she shared that out of 52 new students accepted into the SCC design program, her portfolio was one of only two high school portfolios accepted into this rigorous course. She felt not only well prepared but also completely satisfied with her experience and her new school.

Christine Hart
“Taking Graphic Design as a minor in college taught me some basics like color, design principles, and marketing. However, working in the real world has definitely expanded my scope of what graphic design can be and how many different aspects of it there are. It has been a great learning curve.”

Silk panels created by Thomas Jefferson students in Design and Applied Arts

Jennifer Piccardo, Teacher, Federal Way High school
Inscribed the Graphic Design program at FWHS in 2006, and is currently in her 8th year of teaching. Her previous 20 years of experience as a designer and project manager provided real life experience in the design field which she shares with her students. Ms. Piccardo currently teaches sections in Graphic Design, Cambridge Art, and Design & Applied Art.

Program Graduates
Briania Pizana
A 2013 graduate, Briania recently came to visit FWHS after successfully being accepted into the Seattle Central College Graphic Design program. During the visit she shared that out of 52 new students accepted into the SCC design program, her portfolio was one of only two high school portfolios accepted into this rigorous course. She felt not only well prepared but also completely satisfied with her experience and her new school.

Christine Hart
“Taking Graphic Design as a minor in college taught me some basics like color, design principles, and marketing. However, working in the real world has definitely expanded my scope of what graphic design can be and how many different aspects of it there are. It has been a great learning curve.”

Silk panels created by Thomas Jefferson students in Design and Applied Arts

Jennifer Piccardo, Teacher, Federal Way High school
Inscribed the Graphic Design program at FWHS in 2006, and is currently in her 8th year of teaching. Her previous 20 years of experience as a designer and project manager provided real life experience in the design field which she shares with her students. Ms. Piccardo currently teaches sections in Graphic Design, Cambridge Art, and Design & Applied Art.

Program Graduates
Briania Pizana
A 2013 graduate, Briania recently came to visit FWHS after successfully being accepted into the Seattle Central College Graphic Design program. During the visit she shared that out of 52 new students accepted into the SCC design program, her portfolio was one of only two high school portfolios accepted into this rigorous course. She felt not only well prepared but also completely satisfied with her experience and her new school.

Christine Hart
“Taking Graphic Design as a minor in college taught me some basics like color, design principles, and marketing. However, working in the real world has definitely expanded my scope of what graphic design can be and how many different aspects of it there are. It has been a great learning curve.”

Silk panels created by Thomas Jefferson students in Design and Applied Arts

Jennifer Piccardo, Teacher, Federal Way High school
Inscribed the Graphic Design program at FWHS in 2006, and is currently in her 8th year of teaching. Her previous 20 years of experience as a designer and project manager provided real life experience in the design field which she shares with her students. Ms. Piccardo currently teaches sections in Graphic Design, Cambridge Art, and Design & Applied Art.