

Janicki Industries Engineer Visits Kulshan STEM Classes



NATALIE AND AMELIA INTRODUCE CAITLIN TO KULSHAN'S STEM LAB

SOREN SHARES HIS BUILDING TALENTS

Finding the Perfect Career Fit

Caitlin Owsley, an engineer at Janicki Industries, knew as a teenager that she loved math and design. So, her decisions in life were dictated by her desire to be able to eventually end up designing as a career.

Caitlin is a project manager responsible for supervising the development of some of the complex products that Janicki creates. She was able to share her insights with Kulshan's 8th Grade STEM class on the various aspects of her work. Students and staff appreciated her willingness to talk about her work and its rewards and challenges.

Caitlin began with sharing photos of Janicki's huge five axis C & C machine which is approximately 100' x 60'. This machine mills items needed by Janicki's clients for parts production, or giant molds used in creating composites. Flexibility is key in filling the demands and needs of Janicki's array of

customers, which include the U.S. Military and Boeing Aerospace.

Caitlin ended her visit with a presentation about Janicki's development of green energy solutions such as creating wind turbines, some over one hundred feet tall, for a local energy company. But, it's the Omni Processor which Caitlin seemed most proud of. As winner of the Gates Foundation clean water initiative, it revolutionized the process of creating clean, potable water. Simply put, it filters raw sewage into water so clean, Bill Gates himself gladly drank it. Hopefully, this system can also be used by farmers to help clean run-off before it reaches sensitive waterways.

For more information about the Omni Processor, please visit:
<https://www.janickibioenergy.com/janicki-omni-processor/how-it-works/>

<https://www.youtube.com/watch?v=bVzppWSIFU0>



