

"Explore 3D Printing"

Session
1 & 2



Learn about different types of 3D printing with employees from Stratasys, a world leader in 3D printing. Session will provide an opportunity to create your own 3D design using different web-based design programs that can also be accessed at home. Participants will be able to have their designs printed.

Jesse Roitenberg and Brian Martin

"21st Century Orthodontics"

Session
1 & 2



Orthodontics today is more than ever grounded in STEM. For example, 21st century orthodontists efficiently move teeth with plastics and wires manufactured from computer models.

Cristie Martin, Leslie Jovonovich and Rachel Koppinger

"Designing and Creating with Uponor PEX Tubing"

Session
1 & 2



Come listen to employees from Uponor, a local company and partner of our school, talk about their business and sustainability practices. Participants will then use their PEX tubing product to design and create some creative projects.

Aubrey Mozer, Ryan Roseen and Tom Gallaher

"Graphic Designer for a Night"

Session
1 & 2



THE VOMELA
COMPANIES

Come experience what it is like to be a Graphic Designer, from the initial concept to the final product! Partnering with Vomela, a local Graphics company, you will use the Collaborative Design process to design your concept, test it out and finally create your product.

Thomas Manthe and Katelyn Schendel



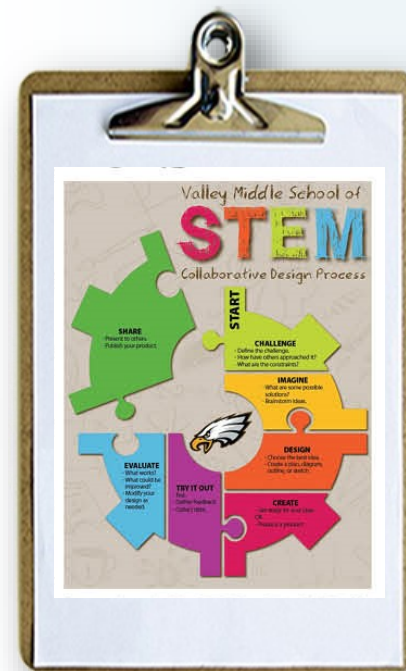
Read more and sign up here!



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Valley Middle's Community STEM Event

Date: January 20th, 2022
Session 1: 5:30pm / Session 2: 7:15pm



Rigor, Relevance, Relationships: Educating A
Global Community of Innovative Thinkers

"Forensic Investigations"



Session
1 & 2

During this class families will have the opportunity to explore how the Apple Valley Police Department collects evidence, in particular fingerprints. Families will identify patterns in their own fingerprints and then use that new knowledge to dust different pieces of evidence for prints.

Gregg Neumann and Phil Hutcheson

"FAB-LAB-ulous Designs"

Session
1 & 2



Come experience design and fabrication in the Fab Lab! Personalized vinyl decals, 3D prints, and laser cut acrylic will be combined into a custom product participants get to leave with.

Chad Fleischman, Benjamin Cline,
Luke Podmers and Shelli Warburton

"Design with a Purpose"



Session
1 & 2

Get a crash course in the kind of collaborative projects students work on all the time at VMSS. We will be working in teams to develop logos, advertisements, and corporate swag for one of our business partners.

Tom Schoen and Richard Bettini

"What Isn't Wrong With Me?"



Session
1 & 2

Feelings all over the darn place?
Sometimes overwhelmed? Excited?
Anxious? You'll fit right in! Join us for activities and conversation about what the hey is going on inside all of us these days.

Scott Kronebusch, Marilyn Galloway and
Jennifer Martin

"Storm Water & Erosion Control"

Session
1 & 2



We will show the efficacy of different filtration media at removing sediment and other contaminants from stormwater and show the processes and effects of erosion.

Tomi Adeola, Sarah Pelinka and
Michelle Carruthers

"5 Things I Wish My Parents Knew About Health"

Session
2

Karri Tidwell

Education on the root causes of acne, chronic pain, heavy menstrual cycle, ear infections, energy, and more while exploring supportive solutions and protocols in a holistic way.

Karri Tidwell and Camilla Crosby

"Latin American food made easy!"



Session
1 & 2

Mason Jar Kitchen Presents... learn how to make traditional and plant based El Salvadorian pupusas with Chef Gerver Blanco. You will also have the opportunity to learn how to flavor and sample aguas frescas with Liz Muñoz.

Mike LaGuire, Ryan Mayer and
Jenni Vaillancourt

"STEMulate Your Body"

Session
1



Get ready to sweat with the team from Major Body Fitness. You will be lead through a dynamic workout while exposing you to what they have to offer!

Melissa Levingston, Lamar Flowers and
Camilla Crosby

"Building the Railroad & Sustainable Transportation"



Session
1 & 2

During the 1800s the United States believed it was their destiny to expand from the East to West Coast. How would citizens get all the way across all of that land? This and more will be explored.

Jason DeMoe and Brianna Latham