

# the world of DESIGN

Students take elements of art and academics to sketch out architectural designs in the world of drafting.

**Marveling drafting.** In the spirit of Halloween dressed as Captain Marvel, **Sienna Fillere '25** talks about drawing in Drafting. "We've done multi-view [drawing], which is showing the front view you get [from] a certain shape, the top view, and the side view. And then we've also done isometric 3-D drawing." Drawing is an important part of the drafting process, and Fillere looks forward to learning more techniques in class.

Drafting provides many opportunities for students to pursue their passions. One of these opportunities includes the National Association of Women in Construction (NAWIC) Competition—a competition that is held every year for students to test their abilities in drafting. When asked about the details of the competition, **Zachary Lobato '24** said, "[This year] we are required to make an entire floor plan for doctors. And we have to make a ton of details, [such as] bathrooms, lighting, doors, [and] everything else that a doctor's office would need." The project is meant to showcase each student's individual skill, as they build their own full models. The heart of

drafting, **Mr. Casey Bartels**, further explained the competition, and said, "It is put on by the National Association of Women in Construction. What will happen in March is they will turn all their drawings in and local contractors and architects will judge their work." **David Folk '22** said that within the competition, "there is a prize pool for it and [it is] on a nationwide level." The skills of the students are tested within a regional competition, and then are later tested against a nationwide level. The prize pool for the competition can range from \$500 to \$1000 and gives many opportunities for scholarships to all students involved. **story by: jackson butler**



photo by: maya manfre



photo by: maya manfre

## expanded HORIZONS

Many students enjoy diving into the diverse curriculum that drafting has to offer.

"I like drafting because it's cool to **LEARN** new things."  
**- Brock-Alan Rawlins '25**



photo by: maya manfre

**Dimensions.** Drafting presents many opportunities for students to pursue activities that interest them. For example, **Tai Benson '22** has an interest in 3-D modeling. He shared that "having the ability to find another way to do [3-D modeling] and find more ways to draw it out and picture it, rather than just the 3-D models [done at home], is always helpful." Drafting gives Benson the opportunities to enhance his skills and knowledge in school. **Draft hacks.** There are resources given to students in Drafting that are difficult to access outside of class. "AutoCAD is basically just a software app that you use for drafting," explains **Katherine Omdahl '25**, "You can use it for so many different things, such as mapping out for 3D modeling. Everything that you can complete by hand in the class you can do on AutoCAD, which makes it a lot easier."

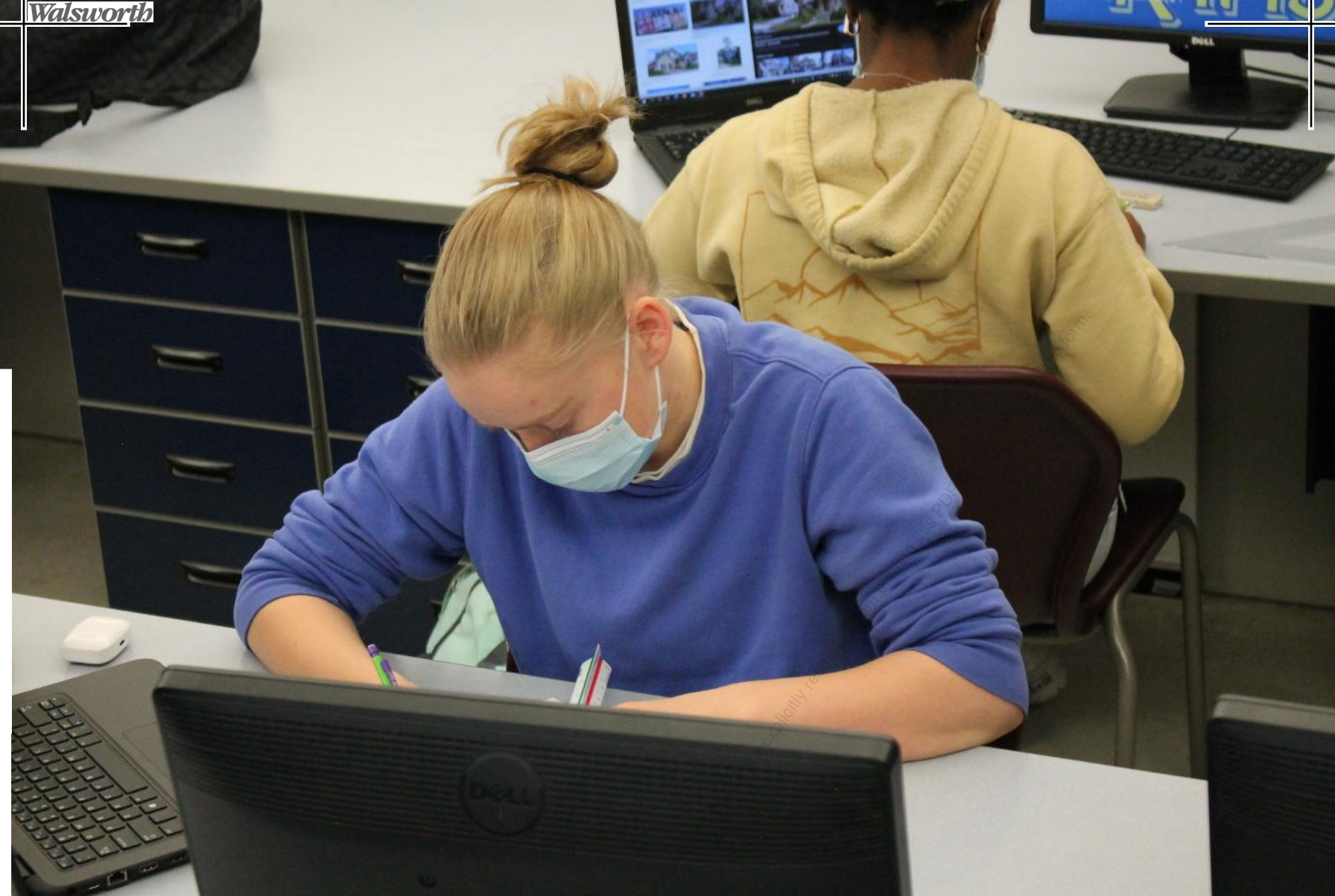


photo by: jackson butler



photo by: jackson butler

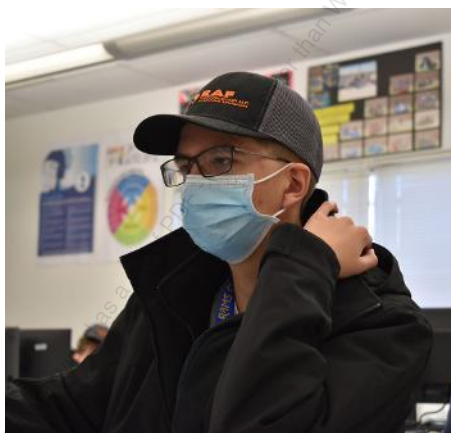


photo by: maya manfre

**Drafting done right.** Drafting involves bridging together both mathematics and science. **David Folk '22** said, "[In other classes,] you just fill out a paper, but [in] Drafting you actually have to use your own creativity and try to solve some issues." Drafting helps students escape from the day-to-day activities of school and put their creativity to use in a new way. **All ends meet.** Drafting employs many different academic fields. **Zachary Lobato '24** admits that, within the class, "you're going to need to know a lot of stuff about math." Science and math are big parts of drafting, as is working with precise numbers and drawings.

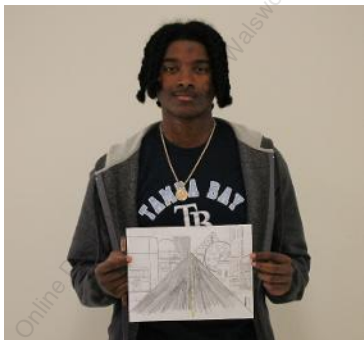
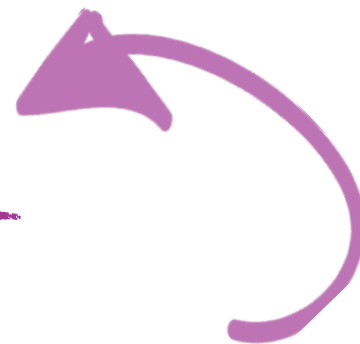


photo by: jackson butler

**Damian Carrera Ordaz '24** shows off his drawing skills with a project he did earlier in the year. The project consisted of students taking a single point and drawing to it to create perspective. Explaining why he chose to take drafting, Carrera said "I'm interested in architectural work after high school." He went on and said he was interested in "Either construction or real estate [architectural work]." These drafting projects give students practice in both architectural and constructional skills, as model drawing is important in both careers.

# get to the POINT



A sophomore student jump starts his career thanks to the techniques taught in class.