## PRENTICESHIP

"Job-driven apprenticeships are among the surest pathways to provide American workers from all backgrounds with the skills and knowledge they need to acquire good-paying jobs and grow the economy."

-The White House

Students who want to make a difference utilizing their STEM education should take a look at projects performed by the piping professionals of the United Association of Plumbers, Pipefitters, Sprinkler Fitters and HVACR Technicians (UA). They will see a committed workforce improving the country's infrastructure, ensuring clean potable water to communities, and finding ways to better recycle wastewater, to name just a few of the areas of expertise where the UA's highly skilled professionals are taking part.

A UA apprenticeship has at its core the STEM curriculum-science, technology, engineering and mathematics—and students can continue advancing their knowledge through the UA's curriculum that will set them on a path with no limits to their success.

They will join other apprentices in the classroom, earn college credits leading to a degree, get paid while doing so—and all at NO cost to them! Have your students put their STEM knowledge to good use, and then they'll take that

STEAMFITTERS

knowledge out into the field and apply it to practical applications.



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world. The theoretical becomes practical through the training UA apprentices receive—they will see the direct correlation between what they learned in their STEM programs with how this is applied on the job. As a result of their strong STEM backgrounds, coupled

with the commitment of the UA to continue this foundation, they will be able to reach goals they only imagined. Some students will gravitate toward leadership positions, such as supervisors, foremen, and superintendents, and others might even own their own companies someday. Upward mobility is always part of the UA career path, and needs only determination and a willingness to work hard to come to fruition.

Today modern construction sites are relying heavily on technology-iPads, iPhones, computer modeling, and virtual reality, for example. Apprentices are drawn to this technology and excel in its use. The UA is committed to ensure that its workforce is the most highly trained and technologically skilled in the industry. We know that technology is already part of our apprentices lives, and we are inspired to build on that.

The five-year apprenticeship curriculum involve the core science, mathematics, engineering and technology concepts and principles that students are learning today as part of STEM education. Apprenticeship programs like the UA's are a natural fit for these students, who can build on all they learned in school to create a rewarding and prosperous future. Have your students take a hard look at the UA. We think they will see a seamless transition from their STEM education into our world. We look forward to continuing the conversation.





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