

Application for 7th grade Gateway to Technology Elective

We are proud to offer a revolutionary class called Gateway to Technology, part of a national engineering program called Project Lead the Way. Gateway to Technology gives students an introduction to engineering careers, the design process engineers use, and experience using real-world engineering tools. This S.T.E.M. program is designed to help students take a more hands-on approach to learning.

In GTT students will:

- Build contraptions - model of a house, rockets, bridges
- Learn about drafting and 3-D graphic design and 3-D Printing
- Use real lab equipment
- Create and program robots (8th grade)
- Have fun learning

We are looking for students who are interested in being creative, using their imagination, and applying their knowledge in real life applications. Having strong math and science skills are a plus, but not necessary. You must be able to work well with other students and be able to follow directions carefully.

You must complete the following requirements by Friday April 24th.

1. Fill out a 7th grade elective request form indicating that you are interested in taking Gateway to Technology (GTT)
2. Have your 6th grade teacher fill out the attached Letter of Recommendation and send directly to Mrs. Shelton at the Junior High by **Friday April 24th**.
3. Complete the following essay challenge:

If you could invent a new piece of technology to make your life easier, what would it be?

- Give your innovation or invention a name
- Explain what material it is made out of
- Explain what it does
- Describe how it would make you life easier
- Length should not exceed 1 page
- Include a drawing or image of your new piece of technology (can be on a separate page than your written explanation)

Send your written work to Mrs. Shelton at the Junior High through district mail, drop off at Junior High front office, or email by **Friday April 24th**

I look forward to having you in my GTT course next year!

Mrs. Shelton

hoshelton@fruitvale.net