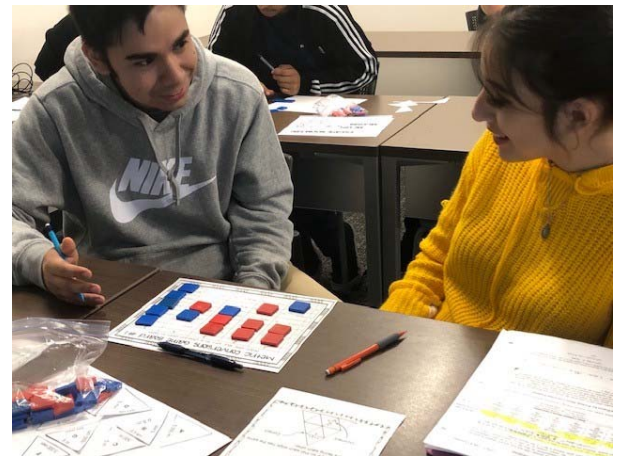


# The Math Connection

Lanier Tech's QEP Newsletter

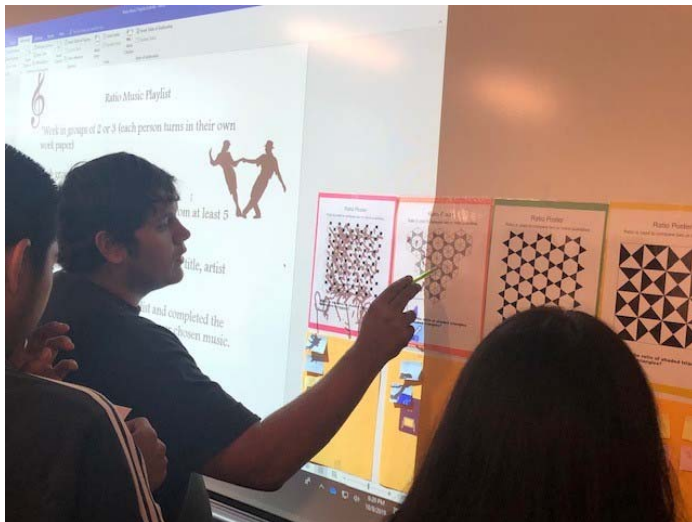
## Hands-On Math!

Hands-on learning experiences are extremely helpful in education. You see them in all subject areas: cosmetology, welding, and dental hygiene, just to name a few. Science labs and automotive workshops are also good examples of hands on learning. And, in math classes, students learn and explore math concepts through hands on activities and math manipulatives. Math manipulatives are utilized extensively in Math 0090A and Math 009Q classes. Fractions, decimals, ratios, proportions, and geometry are just a few of the math concepts practiced using manipulatives. Purchased materials such as white boards and teacher created material such as games and worksheets supplement the curriculum and encourage students to learn by doing. Students utilize activities such as computing volume to fill landscaping pots, measuring area to complete interior design projects, and computing cost to understand business concepts. Tactile learners enjoy the physical aspect of learning new math concepts and putting them into practice. All in all, math manipulatives allow math to be taught as a true sensory experience.



## Why I Tutor Math

**Zoe Love:** I tutor math because I believe that the concepts learned can be applied to every subject and career! Gaining a strong grasp on the concepts presented in math courses strengthens abilities in seemingly non-math related areas as well. I hope to empower students with problem solving, critical thinking, and studying skills to allow them to achieve their goals.



MATH 1012/1012A students

**Free snacks in the SSC December 11 & 12 while supplies last!**

One student's name will be randomly chosen. The more times you come in and study, the more chances you have of winning and improving your grades!

## FREE TI-84 Plus Graphing Calculator!

**Who:** Any LTC Student

**What:** Sign-in at the SSC and study for 30 minutes and you are automatically registered.

**Where:** Any LTC Student Success Center

**When:** October 15 – December 10



**(Only one entry per day.)**

# The Math Connection

Lanier Tech's QEP Newsletter

## Math in Interiors

Many students enroll in the Interiors program assuming that they will be pinning on Pinterest, creating mood board presentations, and shopping at Pottery Barn. Yes, they do those things periodically but, they also employ many other skills that are very important for creating safe and functional spaces for their future clients. Interior Designers are responsible for not only making the space look beautiful, but also working with building contractors to make their client's dream become reality. That means specifying, calculating, and ordering the correct materials for the space.



In the Interiors program, students make many calculations; calculations that use math in a way that students might not be used to doing! In the INDS 1130 Materials and Resources class, they work out calculations for square footages for materials like stone, tile, hardwood flooring, backsplash tile, and even countertops! In the INDS 1135 Textiles class, they need to be sure that they are calculating and ordering the correct yardage for window treatments and custom upholstery items. Next up, in INDS 1125 Building Codes & Systems, the students are expected to calculate the distance between building exits in a commercial space (like a restaurant, an office, or even a hospital!). In addition to those types of code requirement, students also take information from the occupancy number to calculate the number of restrooms and drinking fountains needed for the space to be functional. And lastly, in INDS 1120 Lighting Technologies, Interiors students are asked to calculate the appropriate number of lumens (how much light is needed for what the client will be doing in the space) for that activity type.

I bet after reading that list, you might be re-thinking your analysis of what you see on HGTV, and that's what the Interiors program is hoping for! We love what we do, and want you to succeed in the program as well. Math 1012 or higher is a prerequisite for many of the classes in the Interiors program, for exactly those reasons above. That is what is great about Lanier Tech, all the programs and tutoring centers can work together to get you, as a student, into the right classes and subject matter to make you the best you can be!

## Resources

### Student Success Centers Math Tutoring Hours

<b>Barrow</b>	Room 132	Monday/Wednesday	9:00am – 1:00pm
		Monday	4:30pm – 6:00pm
		Wednesday	5:30 pm – 7:00pm
<b>Dawson</b>	Room 116	Tuesday/Thursday	1:00pm – 6:00pm
		Monday/Wednesday	9:00am – 11:00am 12:30pm – 2:00pm 5:00pm – 6:00pm
<b>Forsyth</b>	Room B144	Monday/Wednesday	8:30am – 7:00pm
		Tuesday/Thursday	9:00am – 6:00pm
		Friday	8:00am – 12:00pm
<b>Hall</b>	Room 1220 (inside Library)	Monday/Wednesday	9:00am – 6:00pm
		Tuesday/Thursday	9:00am – 7:30pm
		Friday	8:00am – 12:00pm

### Library Hours

- **Hall Campus** Monday - Thursday 7:30 am to 9:00 pm Friday 8:00 am to 12:00 pm (when classes are in session)
- **Forsyth Campus** Monday - Thursday 8:00 am to 8:00 pm Friday 8:00 am to 12:00 pm (when classes are in session)
- **Jackson Campus** Open while classes are in session
- **Barrow Campus** Open while classes are in session
- **Dawson Campus** Open while classes are in session

**Hawkes Support Phone Number (for MATH 0090B/C students) 800-426-9538**

**For more information, contact:**

**Susan Baker, QEP Director [sbaker2@laniertech.edu](mailto:sbaker2@laniertech.edu) [http://www.laniertech.edu/QEP/qep\\_main.aspx](http://www.laniertech.edu/QEP/qep_main.aspx)**