

EMERGE in STEM

The Go-To STEM Center for Guilford County



EMERGE in STEM NSF Research Grant

- Education for **Minorities to Effectively Raise Graduation and Employment in STEM**
- **GCS supports this research grant!**
- Research targets GCS Middle School students since it is this age when students start forming opinions about career paths
- Research seeks to determine if student use of Learning Blade (LB) STEM Career Software and access to STEM Extra-Curricular Activities increases affinity towards STEM education and career path
- Learning Blade provides students with a platform to explore various STEM careers, and is to be used by students for supplemental learning
- Teachers can track student progress of assignments in LB
- EMERGEinSTEM.org is The Go-To STEM Center for Guilford County
 - Calendar of STEM events in the Triad (see Events page)
 - STEM Teacher Resources (see Resources page)
 - Learning Blade Training Materials (see Resources page)
- **Educators:** Steps for using LB at your school
 - Use the LB Site Account document to log in and explore LB and create Teacher accounts
 - Discuss the Research study and Learning Blade software with your teachers
 - Distribute Consent forms (available on Resources page) to Science Teachers to get signed by parents/students
 - Send completed forms to Emma Linn, GCS STEM Coordinator
 - Have teachers get students to complete an Assent form (available on Resources page)
 - Utilize the Learning Blade Training Guide to assist teachers with creating LB accounts, and to learn how to use LB
 - Ask teachers to have their students complete the STEM Pre-Assessment survey found at EMERGEinSTEM.org/Resources
 - Have teachers begin assigning LB missions to students
 - Encourage teachers to go to EMERGEinSTEM.org for STEM Resources