

# BRIDGING COMMUNITIES

## GOVERNOR'S STEM ACADEMY

BRIDGING COMMUNITIES REGIONAL CTE FOUNDATION, INC.

PRESENT

4th Annual

# Summer STEM Academy

## A Week of "Invention Mania!"

NOW ACCEPTING APPLICATIONS FOR ASPIRING MIDDLE SCHOOL STUDENTS

### Inventions



### 3D Print Projects



### Unity 3D



### Power Conversion

**When:** July 10 - 13, 2017 Monday - Thursday, 8:30 am - 12:00 pm

**Where:** Bridging Communities Governor's STEM Academy  
7930 New Chipping Lane, New Kent, VA 23124

**Who:** 7th & 8th grade students with an interest in Science, Technology, Engineering, and Math (STEM)

**How:** See your School's Guidance Counselor to obtain an Application. Tuition is FREE.  
(Applications are due to your Guidance Department by June 14, 2017)

### A Week of Invention Mania!

Bring your inventions to life with design and build projects using 3D printers, LED lighting, and coding. Students will build prototypes using various design models. Students will learn the basic principles of research and design as they are challenged to engineer real world solutions through inventions. Individual build projects will include a 3D printed flashlight and a solar-powered vehicle. Students will culminate their weeklong STEM adventure by exploring and experiencing the power of Unity 3D game design.

*For details please contact Dr. Stephen Trexler or Mrs. Margaret Best at 804-966-8575*

*Bridging Communities Regional Career and Technical Center, 7930 New Chipping Lane, New Kent, VA 23124*