



STEM Programs for Camps

www.visionbuilder.org

SPRING SERIES Fun STEM classes for 2015 The Latest News

Vision Builder Adventures (Inspiring kids to see beyond where they are)



This email is being sent to all associates, and friends of Vision Builder Adventures.

This E-news Blast will be sent throughout the year making you aware of past activities and future events.

2015 Summer Projects: "Sign your Youth organizations up today"

Vision Builder is gearing up to support fun Summer camps. We are launching Rockets, flying Planes, Programming Robots and unleashing other **STEM** related classes. The following Class Projects have begun in Mecklenburg and surrounding counties. Classes on the coast will start in late June early July. Classes will Include:

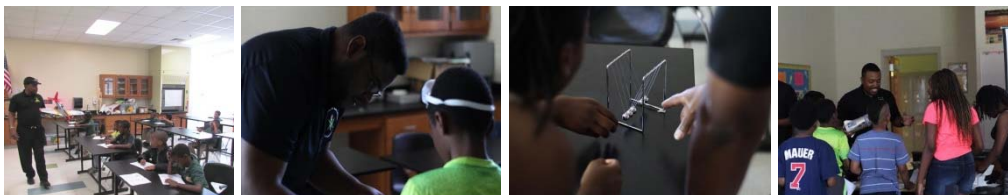
- Exploratory Rocketry Program
- Exploratory Robotics Program
- Basic & 101 Aerodynamics
- Exploring structure & design

We still have the following classes in session as well:

- Leadership 101
- The Power of Choices
- Rediscovering America classes



Exploratory STEM class Projects: "Sign your Youth organizations up today"



Go to www.visionbuilder.org to see additional pics of events and classes.

About the VBA STEM Program

VBA serves to inspire kids through the exploration of science, technology, engineering, and mathematics. (STEM) Through our hands on activities, kids explore, ask question, persist and solve problems. By interacting and working with people in STEM careers, kids come to view these careers as exciting and realistic options for themselves. VBA STEM is an approach that each organization can apply to its own programming. VBA may also implement one or more of the following components that have been built around the VBA STEM philosophy. (Dare to Dream)

VBA STEM- Our STEM classes are project based student- centered learning. This program introduces kids ages 10-17 with professions in STEM fields. We help plan and deliver a project program that encourages kids to think like scientists.



INTRODUCTION TO ROCKETRY

In the Introduction to Rocketry class. The kids will explore The NASA Rocketry program, by building a bottle Rocket. In this class kids will learn project management skills and team work.

There is also an age requirement and a pre-math test. Relevant Videos and displays will be shown. (For ages 10-13)(Duration of class 4 hours or 4 (1hr) days.)

EXPLORATORY ROBOTICS CLASS

In the Exploratory Robotics class: The kids will learn; the basics of Robotics, basic programing, and applied mathematics. They will also learn what makes up a robot. For Example: Kids will collect data and track and plot the results. Relevant Videos and displays will be shown.

(For ages 9-10)(Duration of class 1 hour)

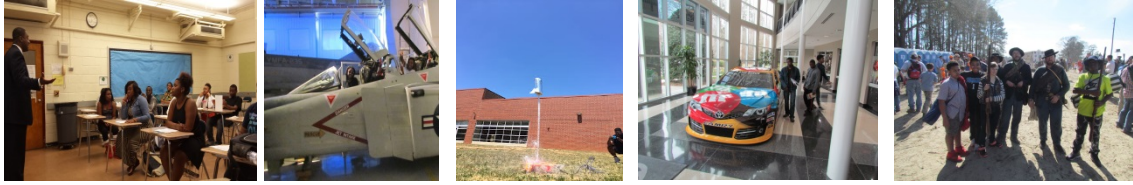


UNDERSTANDING AERODYNAMICS

In the Aerodynamics Class. The kids will learn about Aircraft and flight. Kids will learn about the 4 forces of flight, the breaking of the sound barrier, and they will build a glider. (For ages 11-13)(Duration of class 2 hours)

Sign your Youth organizations up today! Go to www.visionbuilder.org to schedule (or) for more info.

Special thanks to all the programs and activities partners:



Some Event picture 2015.

Special thanks to all organizations who participated with Vision Builder Adventures over the last two months.

- Please note: we are working to meet the needs of all interested programs across the state. We are currently scheduling for fall 2015-2016, let us know how we can serve you in future.

Some 2015 upcoming projects: "Sign your Youth organizations up today"



Some upcoming Events for 2015.

Some upcoming events and classes include:

May 2015

- **Life and times of the Buffalo Soldiers**, Mecklenburg and surrounding Counties.
- **Spring "UNLEASHED"**, Mecklenburg and surrounding Counties.

June 2015

- **Advanced Aerodynamics at the Airfield w/ Pilot and instructor Paul Grieshaber**, Mecklenburg surrounding Counties.
- **Comic Con**, Mecklenburg and surrounding Counties.

June-July 2015

- **Camp STEM Classes**, Mecklenburg and surrounding Counties.
- **American Revolution Re-enactment**, Craven and surrounding Counties.

Special Thanks to The Vision Builder Adventure partners, you are making an impact.