



ISSUE 2

BUILDING UNIQUE
INVENTIONS TO
LAUNCH DISCOVERIES,
ENGAGEMENT AND
REASONING IN STEM

TUSKEGEE BUILDERS ACADEMY

JUNE 12, 2017

PREPARING FOR THE ACADEMY

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The start of the Academy is just around the corner! All accepted students should have received and returned their acceptance letters. Students on the waitlist will receive a final notification of status shortly.

Students will receive a brief preparation package shortly, including the Academy's daily schedule, transportation information, and research consent forms. Please, return all forms

on the first day of the Academy, June 29th.

The Academy will not meet July 3-5 in observance of the 4th of July holiday. Students are allowed a maximum of 2 absences; please, notify us if you will be absent on any particular day.

We are looking forward to meeting all our students on June 29!

The Academy will **NOT** meet July 3-5 in observance of the 4th of July Holiday

June						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1st day of the Academy

Holiday

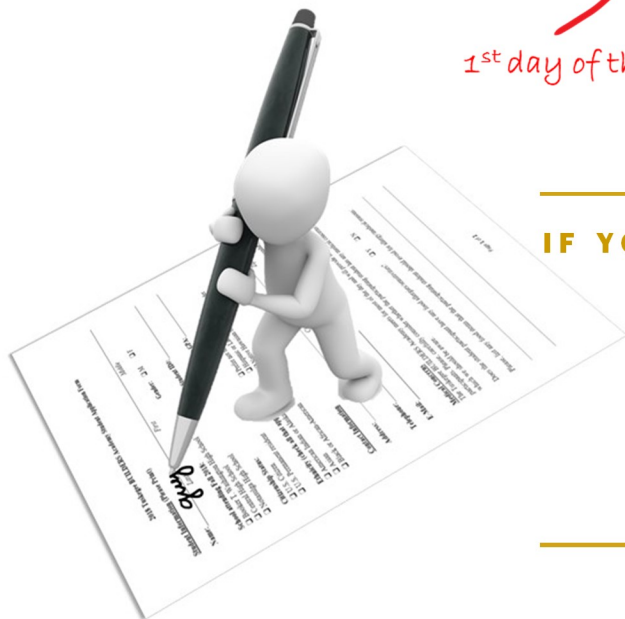
HIGHLIGHTS

- Academy preparation packages will be sent to students shortly.
- Students will be allowed a maximum of 2 absences from the Academy.

IF YOU WERE NOT ACCEPTED TO THE ACADEMY...

Waitlisted students who were admitted to the Academy have already been notified of acceptance. Students who were not accepted to the Academy this year will be eligible to apply for the 2018 Academy. Calls for appli-

cations will be sent out in the Spring of 2018. You can choose to subscribe to our Newsletter to receive the call for applications directly to your e-mail.



WHAT IS A MAKERSPACE?

You probably have heard of **Makerspaces** but never gave much thought to what they are. Imagine a space where you can get together with other people who share your curiosity, and in which you can **create** and **build** something using what you know, the skills you have, and your own creativity. If you do not know how to “do” something, you will learn it as you work on completing your

project. If your project does not work, you will revise it and tinker with it as you work. At the end, you will have a **product**, something that you have made and that will work to solve a problem that you set out to resolve.

Makerspaces are learning environments based on the philosophy that *doing* and *making* will lead to deep and profound learning. Makerspaces allow students to acquire education-

al concepts, but also teach skills such as teamwork, perseverance, and leadership.

Does that sound like you will be in summer school? Far from it! Makerspaces are fun spaces where you can get lost in the applied aspects of science and technology. The BUILDERS program will also let you learn directly from experts in science education (teachers) and researchers in science and engineering

(Tuskegee faculty). More than anything, you will be learning from yourself as you develop your project.

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Makerspaces...

- teach students how to use technology with a purpose
- foster independent thinking and independent work
- allow for learning from experience
- create communities based on common interests
- foster creative ways to use materials, a critical skill in the 21st century
- make students feel proud of their intellectual capacity and creativity
- Teach students that failing is part of the process of reaching long-term goals



UPDATE ON TRANSPORTATION

Transportation details are being coordinated by the school districts and will be finalized shortly. Students not riding the bus must be at the Tuskegee campus around 8:45 am Central Time (7:45 am Eastern Time), and will be dismissed around 3:00 pm Central Time (4:00 pm East-

ern Time). Make sure you consider your transportation needs carefully; routes will be finalized shortly after information is sent out.

Students are not required to ride the bus, but are expected to arrive and depart on time.

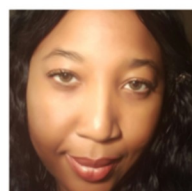
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*For up-to-date program information,
and to receive the newsletter in your
inbox, visit us at
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Next Issue:

Meet our teachers
Transportation details
Daily schedule
Academy Calendar