AFRICAN AMERICAN STUDENT SERVICES

STEM INITIATIVE

Jimmy Hart, Director
Governing Board Meeting
Tuesday, March 10, 2015
To facilitate a greater understanding among community stakeholders of the issues, concerns, and status of Blacks in Arizona in order to improve decision making as it affects the lives of all Arizonans.

www.stateofblackarizona.org
STEM GRADUATES:
BY GENDER

Female and Male STEM Graduates in AZ

<table>
<thead>
<tr>
<th></th>
<th>All STEM Grads</th>
<th>Black STEM Grads</th>
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</thead>
<tbody>
<tr>
<td>Female</td>
<td>63%</td>
<td>74%</td>
</tr>
<tr>
<td>Male</td>
<td>37%</td>
<td>26%</td>
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SUMMIT STUDENT DEMOGRAPHICS

68 TUSD Students
16 TUSD Schools
(Fickett, Dodge, Doolen, Gridley, Henry, Magee, Mansfeld, Naylor, Pistor, Robins, Roskruge, Safford, Secrist, Utterback, Vail and Valencia)

Survey Responses
16 – 6th graders
24 – 7th graders
26 – 8th graders
66- Total
VERY INTERESTED IN:

**SCIENCE**
- Pre-Summit Survey = 38%
- Post-Summit Survey = 51%

**TECHNOLOGY**
- Pre-Summit Survey = 54%
- Post-Summit Survey = 66%
VERY INTERESTED IN:

ENGINEERING

Pre-Summit Survey = 48%
Post-Summit Survey = 69%

MATH

Pre-Summit Survey = 37%
Post-Summit Survey = 50%
CAREER (VERY INTERESTED):

ENGINEERING

Pre-Summit Survey = 44%

Post-Summit Survey = 67%

ENTREPRENEUR

Pre-Summit Survey = 38%

Post-Summit Survey = 70%
PARENT WORKSHOP AND DINNER
Share the survey results
Honor Students
PARENT FEEDBACK

“The STEM program has been an amazing experience for my daughter and myself. We are so blessed to have been a part of this for so many reasons. My daughter has been able to learn more about her possibilities and her identity. She can now see she has no limits as to what she can accomplish and strive for. Thank you for your dedication and service.”

“I think the STEM program is great for students. You get a better education and see a better future. I pray that this program will continue for years and years.”
OTHER STEM INITIATIVES

National Society of Black Engineers (NSBE) Partnership at Mansfeld and Doolen MS

Camp Invention Summer Program to provide STEM enrichment experiences for students

Pre-College Initiative with the University of Arizona School of Engineering and NSBE College Chapter

Heritage Day