

AFRICAN AMERICAN STUDENT SERVICES

STEM INITIATIVE

Jimmy Hart, Director
Governing Board Meeting
Tuesday, March 10, 2015

TUSD

 **State Farm**TM





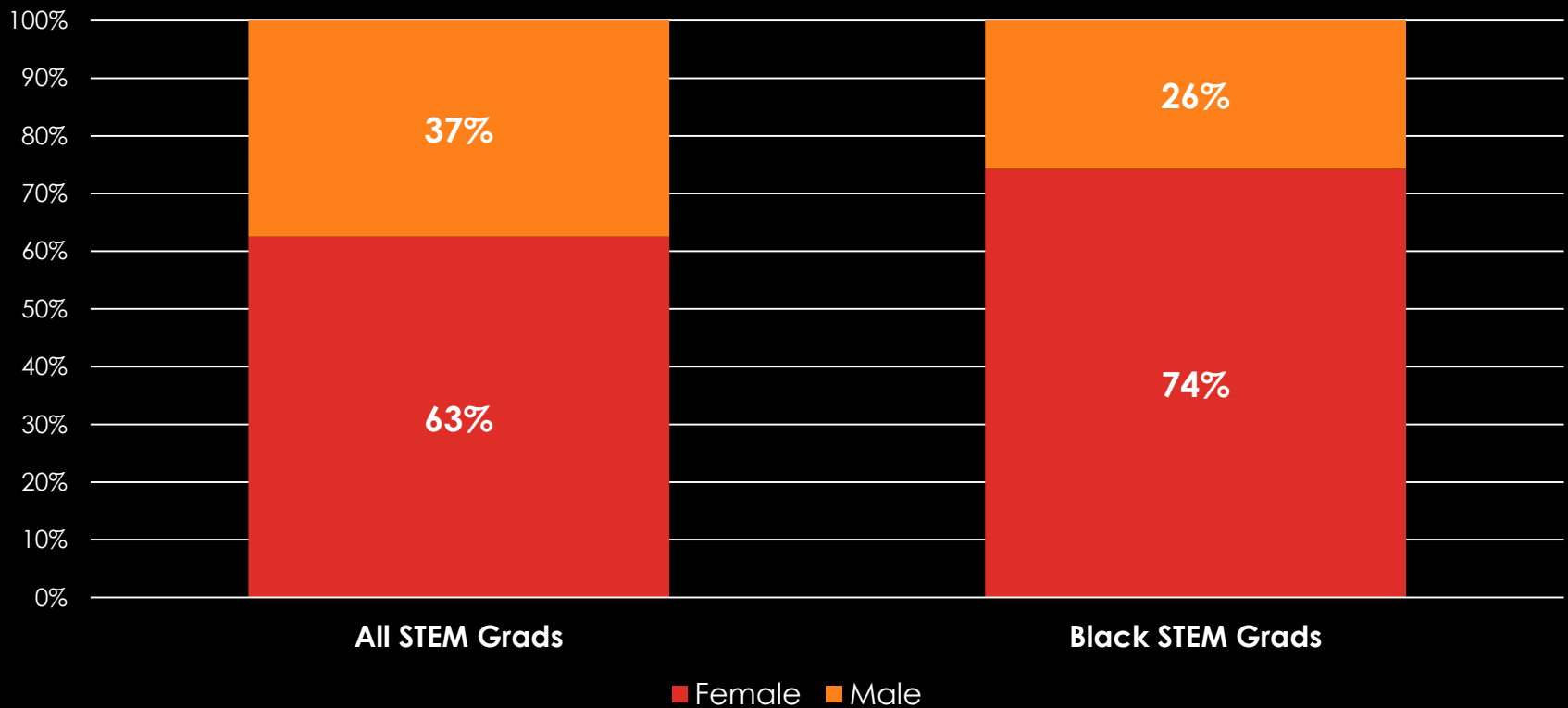
To facilitate a greater understanding among community stakeholders of the issues, concerns, and status of Blacks in Arizona in order to improve decision making as it affects the lives of all Arizonans.



STEM GRADUATES: BY GENDER



Female and Male STEM Graduates in AZ



SUMMIT STUDENT DEMOGRAPHICS



STEM Initiative Student SUMMIT

TUSD The Science of Discovering YOUR Passion in Science, Technology, Engineering & Math (STEM)-based Careers!

Registration cut-off: **150 students**

Saturday, December 6, 2014
9:00 AM - 4:00 PM
Palo Verde Magnet High School
1302 S. Ave Vega, 85710

IT'S NEVER TOO SOON TO START PLANNING FOR COLLEGE OR A CAREER

A full-day session for students in grades 6-8 to learn more about STEM Careers such as:

The poster includes images of students working on laptops and logos for the State of Black Arizona and the STEM Initiative.

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

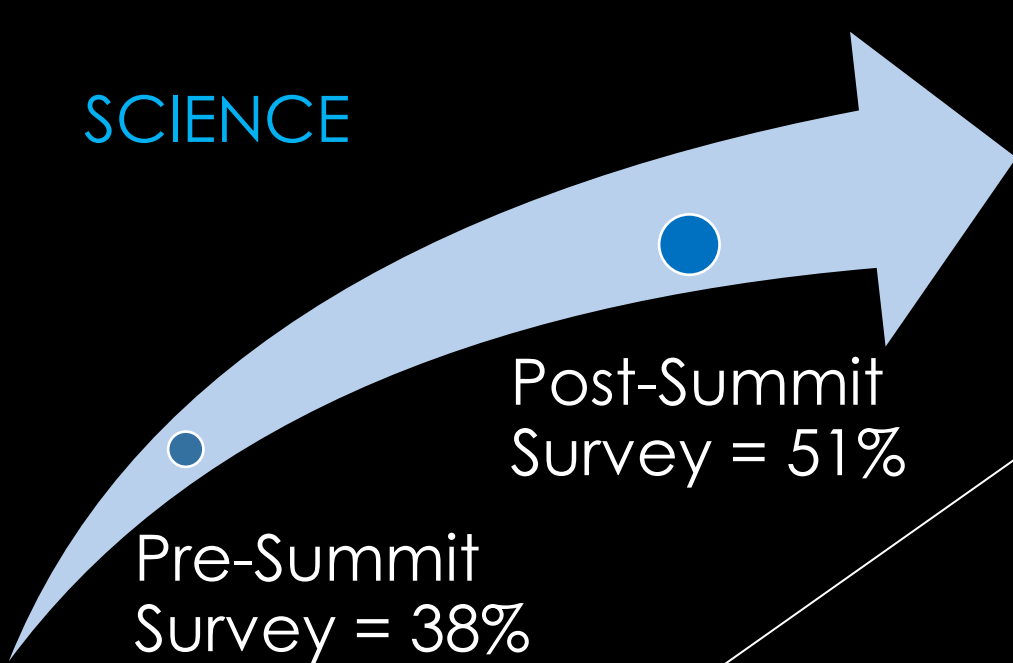
26 – 8th graders

66- Total

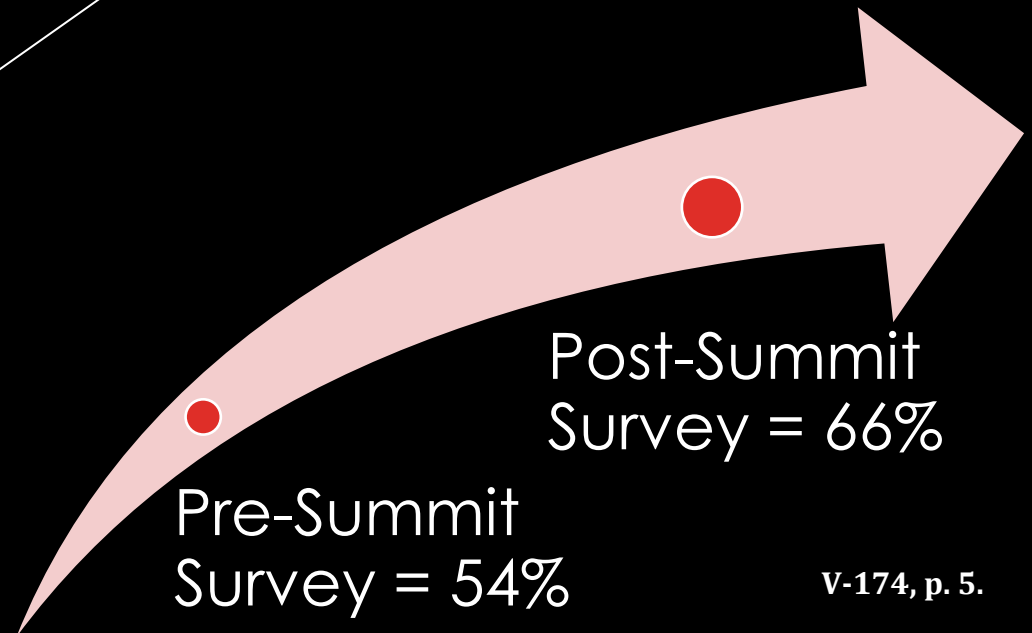


VERY INTERESTED IN:

SCIENCE

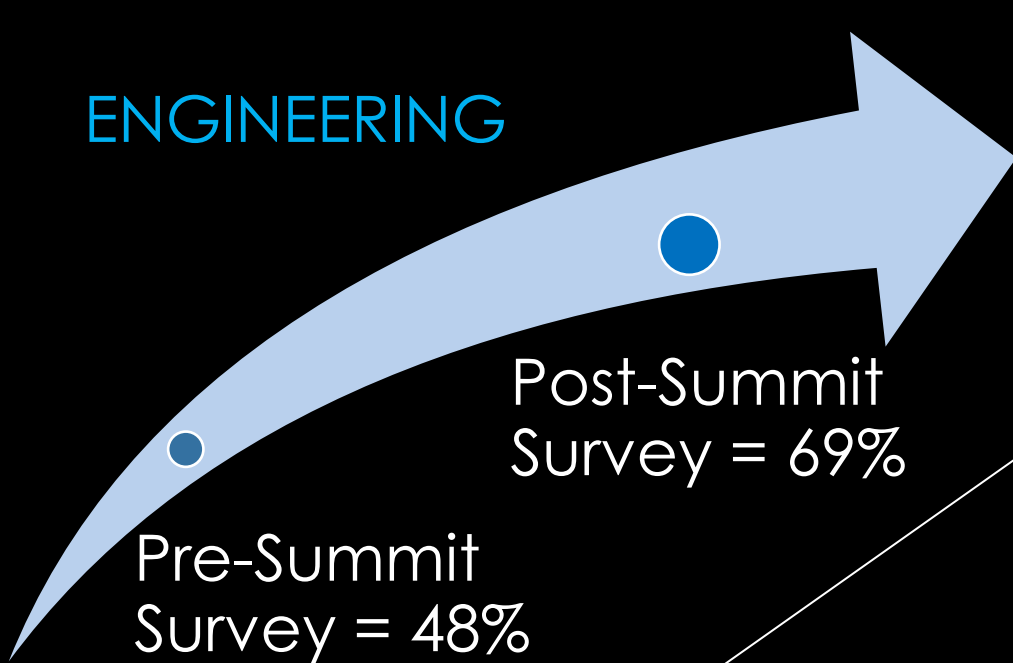


TECHNOLOGY

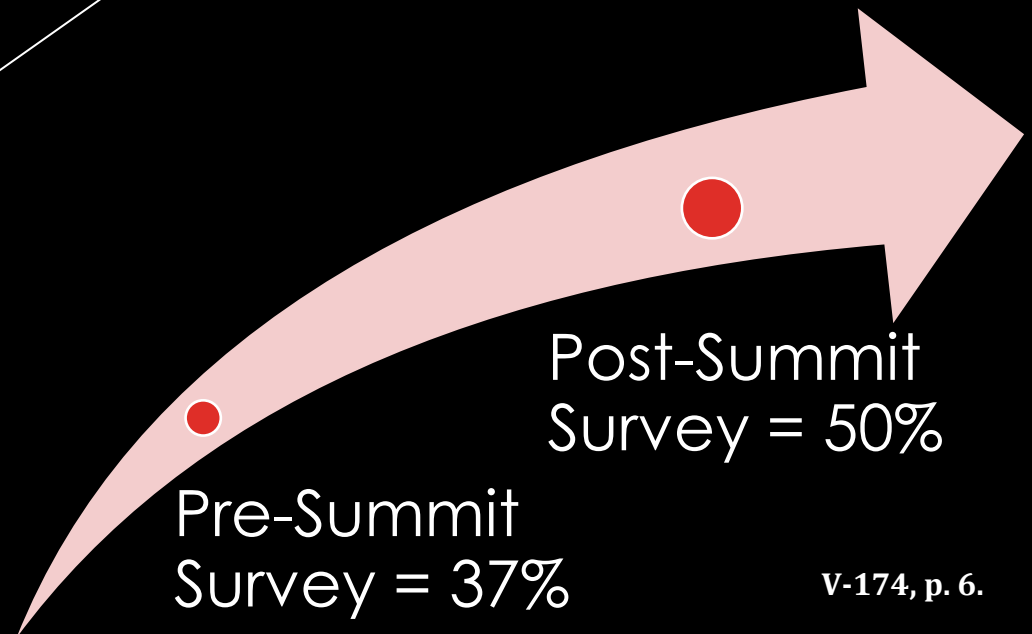


VERY INTERESTED IN:

ENGINEERING



MATH



CAREER (VERY INTERESTED):

ENGINEERING



Pre-Summit
Survey = 44%



Post-Summit
Survey = 67%

ENTREPRENEUR



Pre-Summit
Survey = 38%



Post-Summit
Survey = 70%

STEM Initiative Student SUMMIT Parent Workshop



The State of Black Arizona's STEM Initiative Student SUMMIT Parent workshop is designed to equip parents with 21st century skills information and unpack the value of STEM careers for their children in our community. State of Black Arizona has partnered with TUSD African American Student Services to engage, educate and empower students towards a pursuit of STEM and/or STEM based careers. Parents are a vital link to our ability to accelerate the growth of underrepresented minorities engaging and persisting towards STEM degrees and future careers.

SAVE THE DATE

Dinner & Presentation of Student Certificates:

When: February 5, 2015

Where: Rincon High School - Cafeteria

Time: 5:30pm

RSVP: Patricia Guevara - # 731-7700 or e-mail

Patricia.Guevara@tusd1.org



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

