20 YEARS TAF



Building the capacity of each student to position themselves and create *the world they envision* - personally, communally, nationally, and globally.

TAF | A VISION FOR THE NEXT 20 YEARS

THEORY *of* ACTION

MODEL *Excellence*

Continuously innovate at TAF Academy

+

SCALE *Success*

Use TAF Academy as the model to transform existing public schools

+

DIVERSIFY *Educators*

Increase the number of teachers of color in Washington State public schools, so they can bring relevance in curricular content and build relationships with students of color

+

BUILD *Capacity*

Build capacity of teachers and educators to improve STEM education

+

STRENGTHEN *Legacy*

Build an infrastructure for our alumni in college and careers to create a community that enables them to network, mentor, and give back to TAF.

=

RESULTING *In*

Schools that promote the *highest level* of student learning and teacher development, and a pipeline of high quality STEM and education professionals. Students will learn to succeed - *not for standards or teacher expectations, not to compete in the workforce and fuel the economy, not for personal gain and prestige* - but so they can position themselves to create the world they envision, personally, communally, nationally and globally.





OUR MISSION

Equip students of color for success in college and life through the power of *an interdisciplinary STEM education and supportive relationships.*

VISION

Every public school is an academic environment that eliminates race-based disparity in academic achievement, and promotes the highest level of student learning and teacher development.

TAF DEFINES STEM LITERACY

STEM literacy is the ability to *understand and apply concepts* and content from science, technology, engineering, mathematics, humanities and art to *identify and solve challenges or problems* that cannot be resolved by any one disciplinary approach.

STEM literacy enables students to *apply 21st century skills* such as collaboration, knowledge contruction, self-regulation, problem solving, innovation, information technololgy and communication to *improve the social. economic and environmental conditions of their local and global community.*

5 PILLARS *of* STEMbyTAF MODEL

1

EQUITY

Having the conviction that every student is capable of learning and being successful is a core value that all teachers and staff must have professionally and personally.

2

STEM INTEGRATION

Cultivating opportunities for students and teachers to engage with STEM professionals and activies - both on and off campus.

3

INTERDISCIPLINARY PBL

Project-based learning allows students to respond to a "real-world" question purposefully by integrating mulitple subject areas to learn key academic content in a more holistic way.

4

EDUCATIONAL TECHNOLOGY

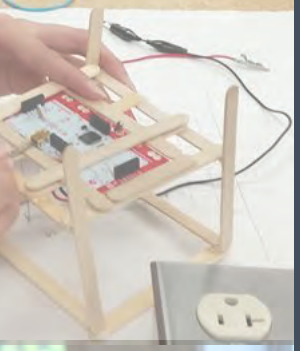
Developing the capacity for students to use various software and technologies to express ideas, create solutions, and be competitive.

5

COLLEGE READINESS

Awareness that college is a viable option: Eligibility for college admissions; and college level academic preparedness without remediation.







THE PROBLEMS WE'RE SOLVING

INEFFECTIVE *Academic Models*
Focus on standardized tests, lack rigor and do not close learning gaps or teach tenants of STEM Literacy

POORLY PREPARED *Educators*
Limited number of educators who have the capacity to teach STEM in an interdisciplinary project-based, student-led learning approach

CURRICULUM DELIVERY *Lacks Relevance*
Teachers fail to link relevance in curricular content and build relationships with students of color

INEQUITABLE *System*
Fostered through low expectations, disciplinary practices, ineffective parent engagements, and inexperienced staff

LACK OF *Capacity & Resources*
Lack of funding, time and resources to support educators who want to change the paradigm

RESULT

Too many students of color lack the skills, tools, habits, and support needed to get ***and*** stay on the path to a successful adulthood

YOUR INVESTMENT WILL ENABLE US TO:

EXPAND TAF Academy and promote it as a national model of excellence in developing the 21st century skills necessary to succeed in a STEM related major or career.

TRAIN over 5,000 K-12 teachers in project-based learning with an emphasis on equity and student-led learning standards.

TRANSFORM 60 public schools (educating nearly 68,000 students) into academic environments that promote the highest level of student learning and teacher development.

ADD over 2,400 teachers of color (educating over 750,000 students) to the Washington State public schools workforce and maintain an 85% retention rate beyond five years of service.

ENROLL 95% of our alumni in a network and engage them as TAF mentors, donors and volunteers.





OUR PROGRAMS *Today*

TAF ACADEMY

In order to prove that underserved students in public education can indeed succeed in a high expectation environment, we created TAF Academy in 2008 as the only public school in Washington State that is co-managed by a nonprofit and a school district. Today TAF Academy is an award-winning, high performing, 6th-12th grade, no barriers to entry public neighborhood STEM school. TAF Academy has a student body of over 70% students of color, and a staff of nearly 50% of color.

STEMbyTAF SCHOOL TRANSFORMATION

To replicate the TAF Academy school without building new schools, TAF uses the best practices in leadership, teaching and learning from TAF Academy, and partners with existing districts and public schools to create academic environments that promote the highest level of student learning and teacher development. We provide a fulltime instructional coach on the school campus for four years.

STEMbyTAF TEACHER INSTITUTE

In an effort to improve the skills of public school teachers and how they relate to students of color, TAF takes the best practices in leadership, teaching and learning from TAF Academy, develops the instructional practices of a network of educators and supports their ongoing learning so that they can enable every student to reach their highest potential.

MARTINEZ FELLOWSHIP

In an effort to improve teacher diversity and retain teachers of color in Washington State, The Martinez Fellowship provides and supports multiple pathways to a teaching degree, early career coaching, and ongoing professional development.

FIRST 20 YEARS *By The Numbers*

4,100 K-12th Grade Students Served

100% College Acceptance Rate

95% Graduation Rate

95% College Entrance Rate