



Education Outreach Board Update

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Roadmap

What will be covered today:

- *Review of initial strategy*
- *Challenges due to COVID*
- *Accomplishments this year*
- *Looking to the future*



K-5th Grade

Education

6-8th Grade

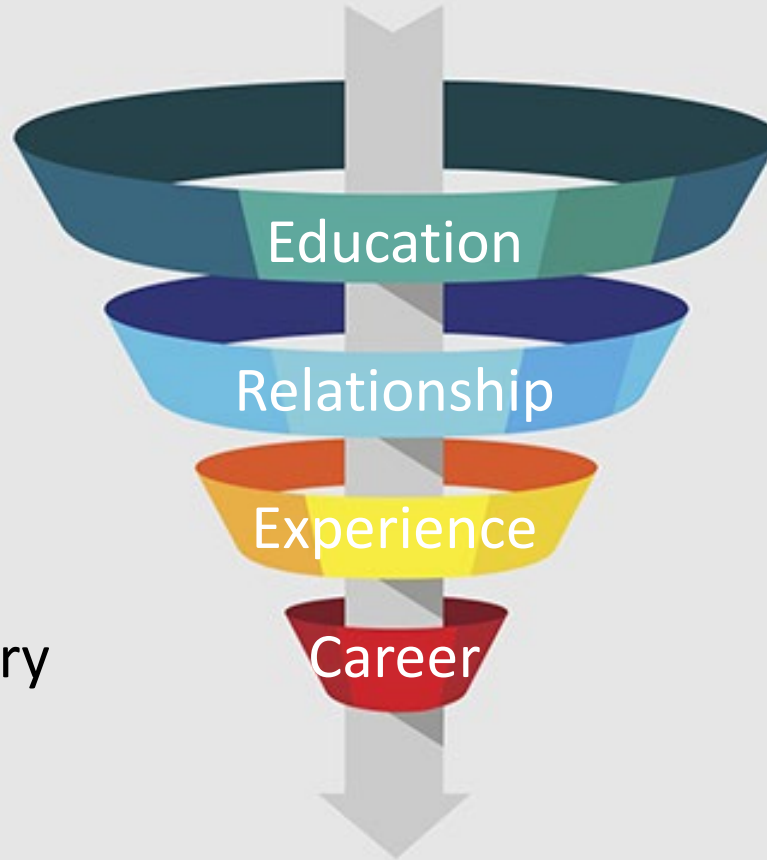
Relationship

9-12th Grade

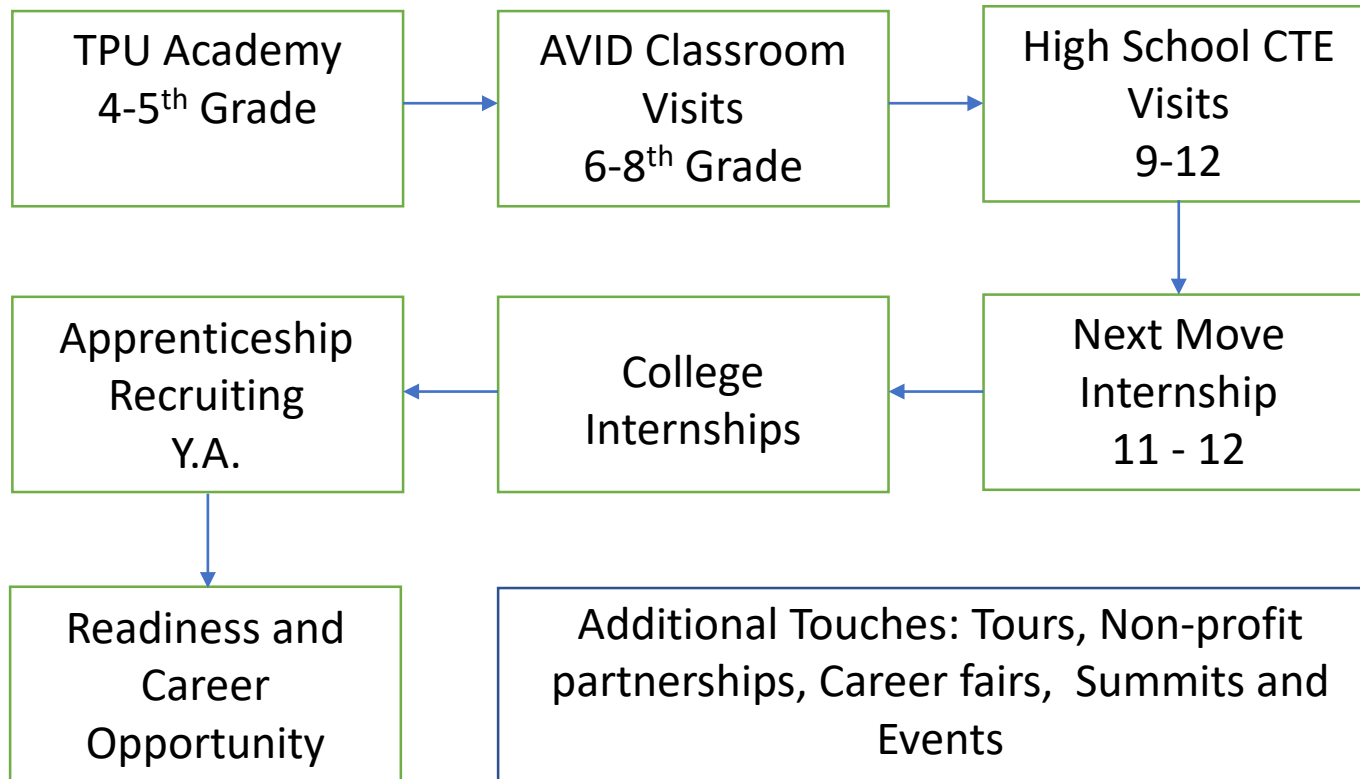
Experience

Post Secondary

Career



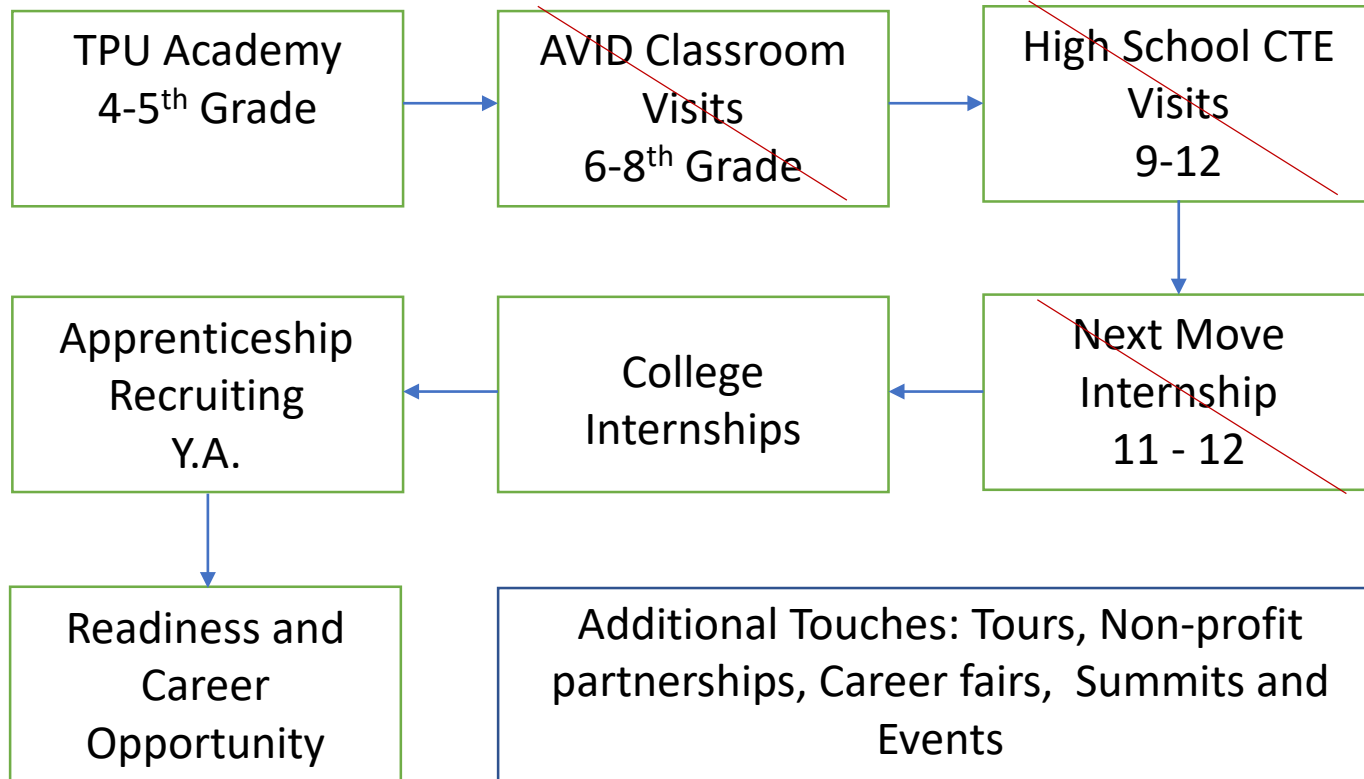
K-12 Workforce Career Planning



Impacts of COVID-19



K-12 Workforce Career Planning



Outreach Efforts

- *TPU Academy Boys and Girls Club (4th and 5th Grade)*
- *TPU x Girl Scouts Conference (4th through 6th grade girls)*
- *Teacher Workshops*
- *SEED Internship Program (College Students)*
- *Tacoma Public Schools Career and Technical Education*
- *MESA*



Programming:

- *41 Students served each week with high consistency*
- *90 minute sessions*
- *6 week program*
- *3 clubs (Al Davies, Eastside, Schatz)*

Learning:

- *Generation, the water cycle, cyber security, SCADA, the importance of port cities and railways, train safety, and conservation, and GIS*



Girl Scouts Conference

EDU

REL

Programming:

- *81 Students served in the first conference*
- *4 hour program*
- *Included both the Mayor and Director Flowers*
- *Each scout who participated received a custom TPU patch*

Learning:

- *Water - from source to tap, Power - from generation to meter, representation of women in stem fields, how to choose a career in alignment with your passion*



Teacher Workshops

EDU

REL

Programming:

- *3 agency partnership*
- *3 week series (clock hours provided for teachers)*
- *Significant success in the first year*
- *Already have 180 educators signed up for this year's series*

Learning:

- *2021 – STEM education for climate literacy*
- *2022 – Advanced meters and conservation behaviors*



SEED Internship

CAR

Overall:

- 18 Interns were hired overall
- Human resources reports that 33% of all interns are BIPOC, 11% Unknown, 56% White
- There were 601 applications submitted
- The pool of candidates was 52.25% White and 43.26% BIPOC
- The pool of candidates was 66.89% Male and 29.45% Female
- Of the 601 - 77 candidates were interviewed



SEED Internship

CAR

SEED Insights:

- SEED provided us with 21 candidates across power and water
- Of the seed candidates 66% of them were BIPOC, and 61% of them were female
- 7 of the SEED interns made it to interviews
- 4 of the 18 hired interns are SEED candidates
- SEED candidates made up only 3% of the hiring pool (21 of 601), made up 9% of interviewees (7 of 77), and made up 22% of hires (4 of 18)
- SEED was the second most efficient source of top talent (hired interns) . The only source that delivered more was government jobs.
- Of SEED interns placed, 50% (2) were BIPOC and 25% (1) were female

Observations:

- SEED candidates were more diverse (BIPOC - 66% compared to 43% Female 61% compared to 29%)



Looking to the Future

- *Continuing successful programming (TPUA, GS, SEED, TW)*
- *Creating additional pathways for underrepresented communities*
- *Developing more opportunities for SME's to interact with students*
- *Listening to community needs with the intention of creating responsive programming*





Thank you

Questions?

