

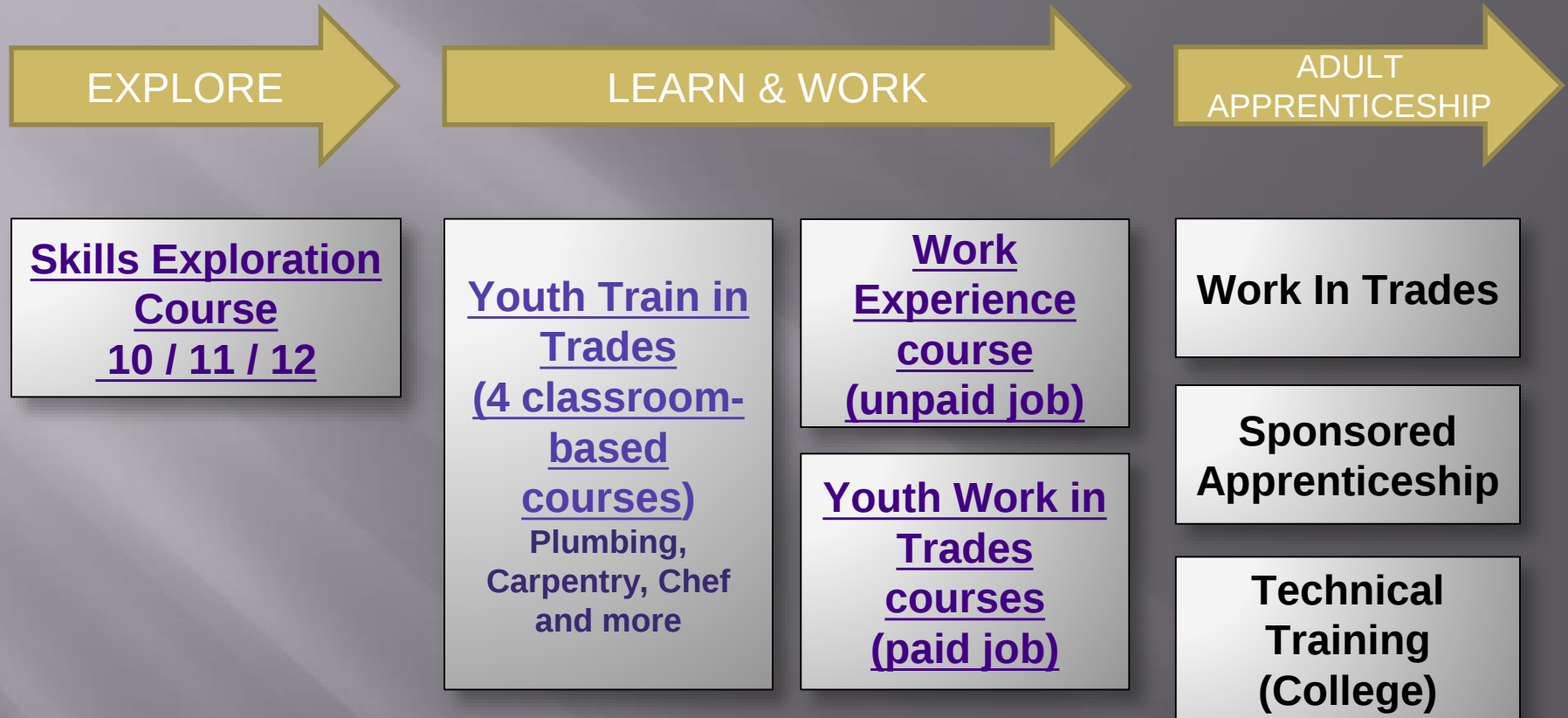
SD40 Youth Apprenticeship Programs and ADST



APPRENTICESHIP *NWSS*

New Westminster SD40

Youth Apprenticeship programs *BIG PICTURE!*



APPRENTICESHIP *NWSS*

Youth Trades in Training Programs

@ NWSS / Partnership (16 seats per year)

- Carpentry
- Chef
- Plumbing

@ Off Campus Programs in Grade 12 year (1-2 seats)

- Auto body Refinishing Prep Tech
- Baker
- Electrician
- Industrial Painter
- Metal Fabrication
- Millwright
- Motorcycle Tech



APPRENTICESHIP *NWSS*

Work Experience Classes (WEX)

This year approximately 30 grade 12 students have enrolled in WEX 12, completing 90+ volunteer hours in school-arranged placements of their choice to help them with their “what next?” questions.



Problem Solvers





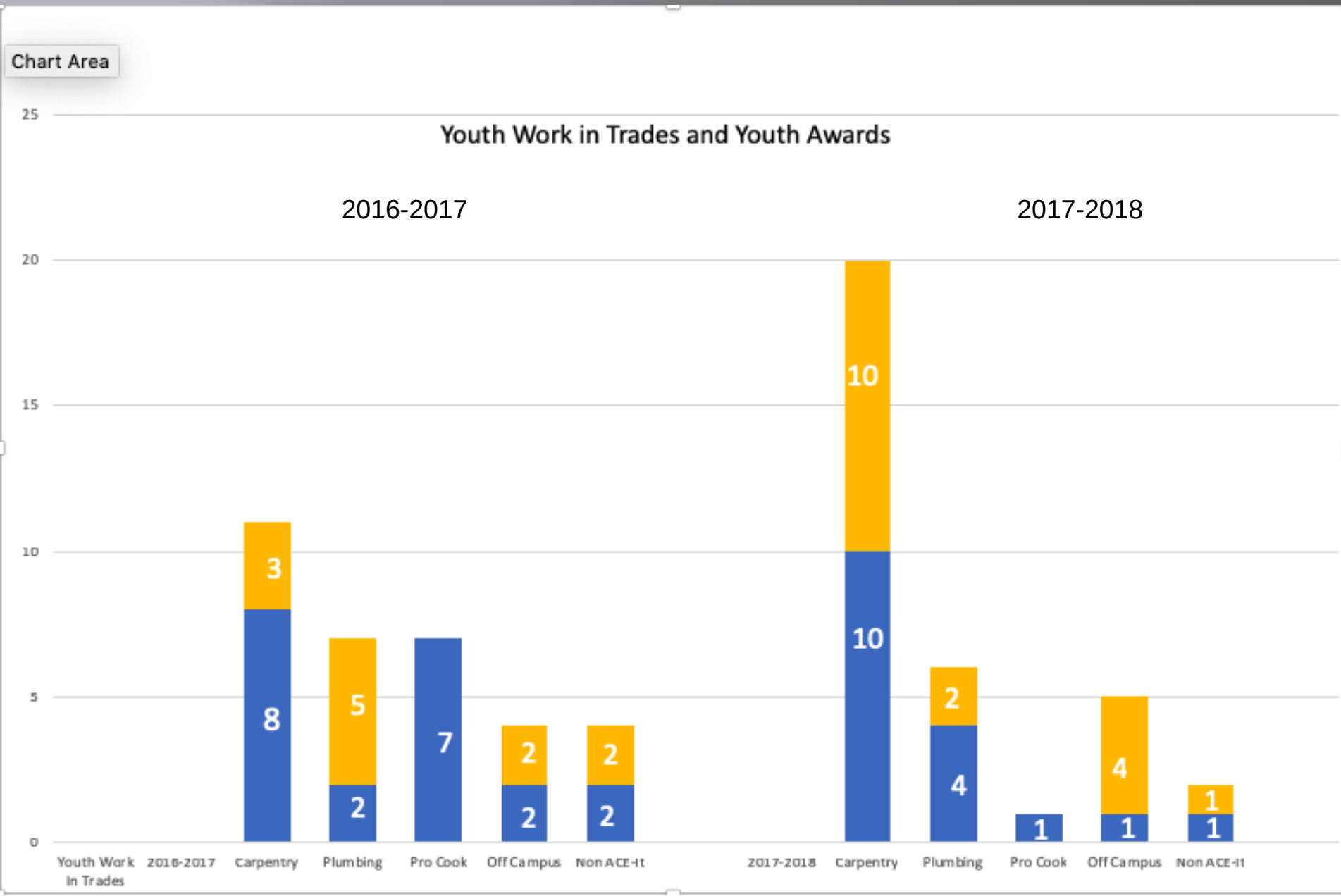
Creators



Artisans



Our programs are successful!



3 Year Strategic Plan & Capital Grant

AWARDED:

- \$123,856.00 2016/2017
- \$26,153.00 2017/2018
- \$32,4485.00 in 2018/19

Total Received: \$182,494.00 (asked for \$582,764)

Year 1 Priorities: Expansion of Trades programming for K - 12

- Explore opportunities to purchase more seats in a variety of trades programs;
- Support for the expansion of Skills Exploration course offerings \
- Expand ADST programs Kindergarten to grade 12;
- Repurpose existing trades equipment and tools from the high school into the middle and elementary school Maker and ADST programs; and,



APPRENTICESHIP *NWSS*

3 Year Strategic Plan & Capital Grant

Year 2 Priorities: Updating & Expanding ADST Technology & Support

- Update existing ADST/YTT Programs at grade 9 - 12 level; and,
- Provide support for middle school teachers for appropriate ADST curriculum development

Year 3 Priorities: Mobile Maker Carts and Developing trades programs for the new High School

- Develop “Mobile” ADST carts (Maker carts), including the new high school
- Continue updating existing ADST/ YTT;
- Continue providing staffing support/inservice for teachers to implement the ADST curriculum; and,
- Explore and implement strategies to ensure sustainability.

Overall aim is to increase district collaboration with ITA, and help embed ADST curriculum in all grades and subjects

“Where does other funding come from?”

ITA Funding

Example of a single student's possible ITA funding:

- \$100 for Skills Exploration 10 course
- \$2200 for Carpentry Program courses
- \$500 for Youth Work in Trades courses

Other allotments...

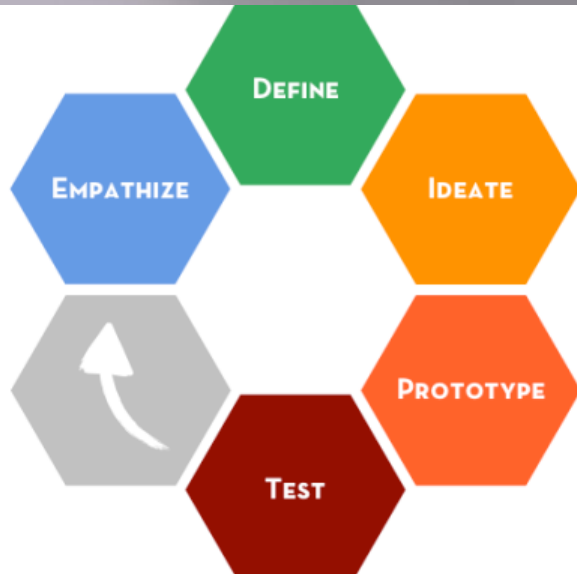
- \$15,000 for K-12 events annually
- \$30,000 Youth Work in Trades staffing annually

ADST-Applied Design Skills and Technology

“You can’t use up creativity. The more you use, the more you have. [Maya Angelou](#)”

Educating creative thinkers and problem solvers can’t start at the apprenticeship, or even secondary school level. The ministry’s focus on ADST from K-12 recognizes this, and SD40 is building a robust ADST culture to support it.

Pro-D - For Teachers



Mobile Maker / ADST carts

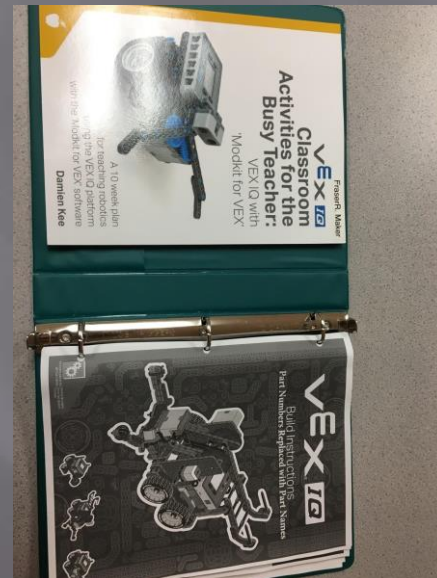
We're embedding ADST principles across the curriculum!



ADST Support & Resources K-12



48 VEX IQ with carts



A Logical and Meaningful Progression...

ADST



Skills Exploration



Youth Train in Trades



Youth Work In Trades → Apprenticeship/College



K-12



Post Secondary

Questions?