

# Partnering with Industry to Create Career Pathway Experiences

*A Case Study from Wolf Creek and ASET*

Sean Lougheed - Wolf Creek Public School

*Director, Learning and Instructional Supports*

Nick Diduck - ASET

*Senior Director, Operations*

**The Association of Science and Engineering  
Technology Professionals of Alberta**





## Exploratory Stage

“Interest Driven & Broad”

CTF, Camps, Volunteer, Events & Experiences

## Engage Stage

“Targeted Experience and Learning Opportunities”

CTS, Single Dual Credit Course

## Experience Stage

CAREER Internships,  
Pre-Employment  
Training, Dual Credit  
Certificate Programing,  
RAP, SKILLS Alberta  
Competitions

Academic and Career Coaching

***These stages are not grade specific and can be entered at any point***

# THE WCPS MODEL FOR CAREER READINESS

## PROGRAMMING

CTF – (CAREER AND TECHNOLOGY FOUNDATIONS) GRADES 4–9

CTS – (CAREER AND TECHNOLOGY STUDIES) GRADES 10–12

DUAL CREDIT – (SINGLE COURSES, PRE-EMPLOYMENT AND PATHWAYS) GRADES 10–13

OFF CAMPUS – (CAREER INTERNSHIPS, RAP, WORK EXPERIENCE, GREEN CERTIFICATE) GRADES 10–13

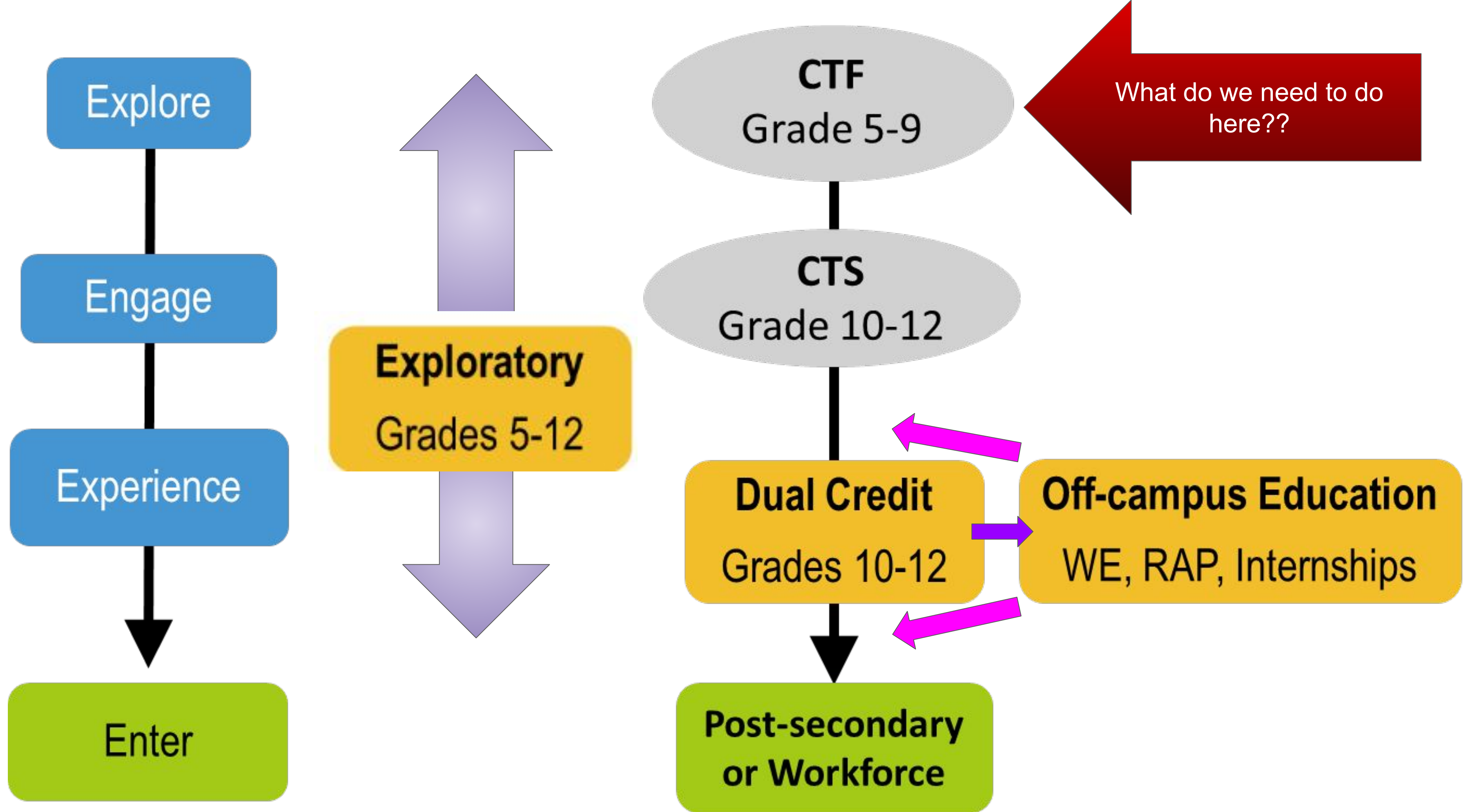


# WCPS STATS AS OF SPRING 2024

- 142 Dual Credit Courses
- 900 + Dual Credit  $\Rightarrow$  Credits
- 1900 + Internship Credits/WE/RAP/GC









# First Steps

We connected with the ASET team and they provided opportunities with NAIT and Red Deer Polytechnic for single day camp experience.





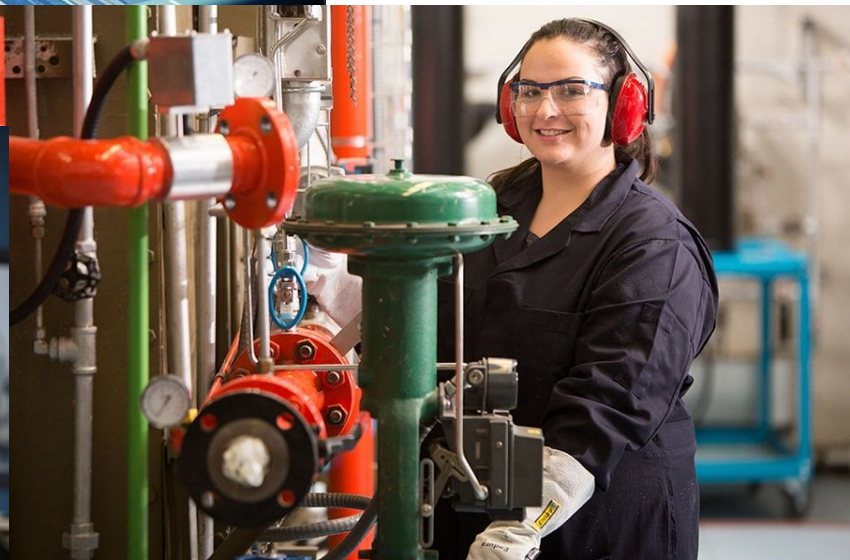
# Phase 2: Growing the Partnership

Through conversation and discussion with ASET we soon learned that we had a true partner who wanted to grow opportunities for students and help to provide meaningful career exploration opportunities in the area of science, technology and engineering.





# Phase 2: Growing the Partnership



PARENT + STUDENT  
INFORMATION NIGHT

IN PARTNERSHIP WITH ASET, RED DEER CATHOLIC  
SCHOOLS AND WOLF CREEK PUBLIC SCHOOLS

LACOMBE

**MAY 21, 2025 / 5–8 PM**

ÉCOLE SECONDAIRE LACOMBE COMPOSITE HIGH SCHOOL

5628 56 Ave, Lacombe, AB T4L 1G6

RED DEER

**MAY 22, 2025 / 5–8 PM**

ÉCOLE SECONDAIRE NOTRE DAME HIGH SCHOOL

50 Lees St, Red Deer, AB T4R 2P6

## CAREER PATHS IN ENGINEERING TECHNOLOGY IN ALBERTA

Join us for a parent-student information night on technology careers, where you'll learn about the latest trends, innovations and job opportunities. Meet industry professionals, ask questions and discover how you can shape the future.

The Association of Science and Engineering Technology Professionals of Alberta is the professional self-regulatory organization for engineering technologists and technicians in Alberta.

[aset.ab.ca/outreach](https://aset.ab.ca/outreach)



**RSVP**

Scan this QR code to  
RSVP for the session  
you plan to attend.

[surveyMonkey.com/r/V9GRS8N](https://surveyMonkey.com/r/V9GRS8N)





# Phase 3: An Idea!!!!

As our partnership progressed we wanted to grow the opportunities into a more indepth challenge and hands-on experience.....AND SO WE THOUGHT DRONES!

## Why Drones?

Interactive, growing applications, hands on and most of all  
**HIGHLY ENGAGING.**



**YYC**  
**DRONES**



# Phase 3: An Idea!!!!

ASET Academy  
Training Portal

PROJECTS

Drone Project



# Impact?

"This was the best day of school  
I have had in my life!"

"Ok so I need to change from science 14 to  
science 10 if I want to be an eng tech?"



**Mr. Dan Walker,  
Principal Mecca  
Glen School**



# Reciprocal Partnerships

Posted on May 23, 2025

## ASET honoured as 2024/25 Wolf Creek Friends of Education Award Winner

Wolf Creek Public Schools (WCPS) is proud to announce that the Association of Science and Engineering Technology (ASET) has been selected by the WCPS Board of Trustees as the Wolf Creek Public Schools' 2024/25 Friends of Education Award recipient.

This award recognizes individuals and organizations whose contributions have made a lasting impact on students, schools, and learning across the division.





# Where do we go next???





# Partnering with Industry to Create Career Pathway Experiences

*A Case Study from Wolf Creek and ASET*

Sean Lougheed - Wolf Creek Public School

*Director, Learning and Instructional Supports*

Nick Diduck - ASET

*Senior Director, Operations*

**The Association of Science and Engineering  
Technology Professionals of Alberta**



**Wolf Creek Public Schools**

ΔΓσΔ\ b"Py° d"r"Cr\ b"PyΔ.σ

*Creating Success For All Learners*

**ASET**