

## FOOTPRINTS FOR LEARNING ACADEMY



HOLISTIC

AUTHENTIC

PURPOSE DRIVEN

ENTREPRENEURIAL

GLOBAL

Required Programs & Assessment Policies

### CORE CURRICULA FFLA - POLICY OVERVIEW

Motto: Explore Achieve Excel

Explore Entrepreneurship Achieve in Core Learning

Excel in Defining your Educational Journey

# *ELECTIVES G6 - G9*

## **OVERVIEW:**

This is an opportunity for the FFLA learner to explore in their direction, interest or inquiry, under your guidance within an Elective format. It is important that the design of the project plans incorporate the general learner outcomes from Alberta Education. It is also important that the students produce a product, one to celebrate their exploration. Please review the FFLA CTF Module Programming file. Once done, use the Template and Examples provided to develop at least three projects for each module taught. Resources for ideas and plans are posted within the CLASSWORK bank, and you are welcome to add to these basic resources. Have fun, more importantly, let the kids have fun within its well-researched structure and relate all to possible career choices in the future with the general competencies of employment.

With a transition into secondary programming, the CTS Modules become more detailed with specific learner outcomes and depth in the content. However, all still relate back to Careers Technology and Science. These are ways and means for high school students to explore facets of future work worlds.

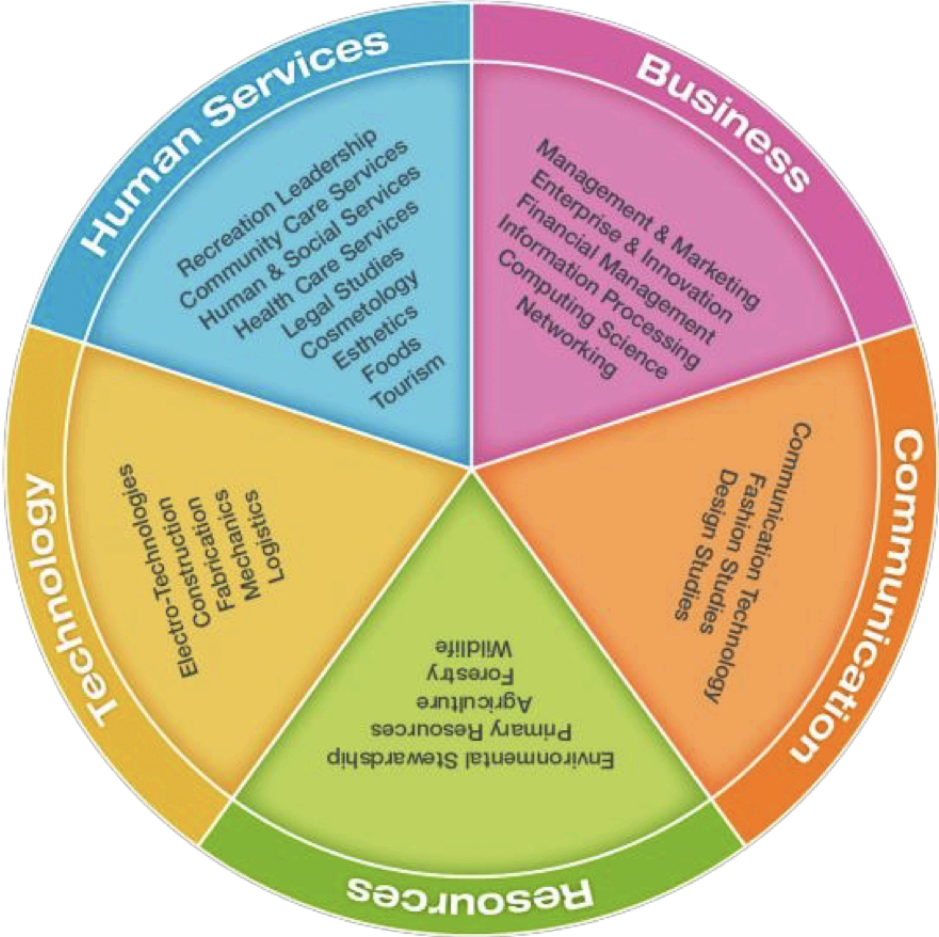
## **ALBERTA EDUCATION DIRECTION ON CTF MODULES (MIDDLE SCHOOL):**

- An occupational area is a grouping of courses that focuses on attitudes, skills and knowledge related to specific work areas.
- In CTF, the occupational areas are grouped into five clusters (Business, Communication, Human Services, Resources and Technology), which represent occupational groupings found within industry. The names of the CTF occupational clusters are simplified versions of the CTS occupational cluster names. The CTF occupational clusters are aligned with the CTS occupational clusters shown in the CTS Compass as well as the National Occupational Classification (NOC).

## **ALBERTA EDUCATION DIRECTION ON CTS MODULES (HIGH SCHOOL):**

- Career and Technology Studies (CTS) is designed for high school students so they can explore their interests and career options. CTS offers students opportunities to develop skills that can be applied in their daily lives and improve their employability following high school.
- Career and technology studies (CTS) is a provincially authorized curriculum for Alberta secondary schools designed on a pathways model to offer flexible programming using 1-credit courses. The course structure of CTS enables schools to design unique programs that meet the needs of students and draw on community resources.

**FFLA GOOGLE CLASSROOM FOR TEACHERS:**



LINK:

<https://education.alberta.ca/career-and-technology-studies/programs-of-study/?searchMode=3>

## **GENERAL Learner Outcomes**

The student is exploring interests, passions and skills while making personal connections to career possibilities.

- I explore my interests and passions while making personal connections to career possibilities.
- I use occupational area skills, knowledge and technologies.
- I follow safety requirements associated with occupational areas and related technologies.
- I demonstrate environmental stewardship associated with occupational areas.

The student is planning, creating, appraising and communicating in response to challenges.

- I plan in response to challenges.
- I make decisions in response to challenges.
- I adapt to change and unexpected events.
- I solve problems in response to challenges.
- I create products, performances or services in response to challenges.
- I appraise the skills, knowledge and technologies used to respond to challenges.
- I communicate my learning.

The student is working independently and with others while exploring careers and technology.

- I determine how my actions affect learning.
- I develop skills that support effective relationships.
- I collaborate to achieve common goals.

## **The Learning Process**

Students engage in challenges or tasks, alternate between the processes of planning, creating, appraising and communicating in non-linear manner.

- Plan: To follow a process that identifies problems, generates ideas and encourages empathy and evaluation when designing a solution to a task or a challenge.
- Create: To make a product, performance or service by using one's own thought or imagination.
- Appraise: To use ongoing assessment to guide decision making and learning.
- Communicate: To share or receive information in order to express ideas and gain understanding.

## **THE ELECTIVE CHOICES (FOR A THREE YEAR CYCLE):**

A SET OF FIVE ELECTIVES WILL BE CHOSEN FOR EACH OF THREE TERMS BASED ON STUDENT CHOICE AND TEACHER EXPERTISE.

## STEM

- **Coding, VR and AI Explorers:** Unleash Your Tech Wizardry! Attention future tech moguls! Join us in the Coding, AR and AI Explorers elective as we embark on a thrilling journey into the world of programming and artificial intelligence. Through hands-on activities and collaborative projects, you'll develop essential coding skills and explore the practical applications of AI. Who knows, you might just uncover your entrepreneurial flair and create the next big tech innovation!
- **Space X Challenge:** Reach for the Stars and Launch Your Dreams! Attention future aerospace engineers, SpaceX is running a hiring competition to find the top global talent! You may be asked to design and create the fastest, most aerodynamic rocket prototype, create a robot or even create a cutting-edge spacesuit. Are you up for the challenge? Get ready to showcase your entrepreneurial spirit and see if you have what it takes to join the space exploration revolution!
- **GameCrafters:** Unlock the World of Strategy and Adventure! Immerse yourself in the art of creating thrilling escape rooms and captivating strategy games. Unleash your creativity, problem-solving skills, and entrepreneurial spirit as you design immersive challenges. From crafting engaging narratives to designing mind-bending puzzles, bring your wildest ideas to life!
- **Entrepreneurial 3D Printing: Designing Solutions for Everyday Challenges!** Delve into the innovative world of 3D printing where creativity meets entrepreneurship. In this class, students will explore the process of identifying market needs, designing solutions, and bringing their creations to market. Through proposal development, drafting and prototyping, advertising and marketing strategies, and culminating in a market fair, students will gain hands-on experience and cultivate critical thinking, problem-solving, and business acumen. Join us on this exciting journey of creativity, entrepreneurship, and 3D printing revolution!
- **Digital Ad Wizards:** Create, Captivate, and Win! Attention creative geniuses! Join us in the Digital Ad Wizards elective, where you'll become masters of digital design and advertising. Local businesses will share their ad campaign needs, and you'll have the opportunity to create captivating digital ads that grab attention. Present your masterpieces, compete for the title of the best ad, and earn a chance to win a \$50 gift card! Unleash your entrepreneurial flair and leave a lasting impact with your digital creations.

## ATHLETICS

- **Sports Management Prodigies:** The Art of Winning Off the Field! Step into the shoes of a professional sports team general manager in our Sports Management Prodigies elective! It's time to review budgets, strategize trades, and lead your team to victory. Dive into the exciting world of sports business and learn the essentials of managing a team like a pro. Unlock your entrepreneurial potential and get ready to make strategic decisions that could shape the future of your sports franchise!
- **Team Sports Mania:** Unleash Your Competitive Spirit! Explore team sports such as basketball, soccer, volleyball, and more as you learn the rules, strategies, and techniques. Whether you're a beginner or a seasoned athlete, this fun and supportive environment caters to all skill levels. Engage in friendly competitions, drills, and practice sessions to showcase your talents and experience the power of teamwork. Embrace the mindset of entrepreneurship as you think creatively, problem-solve, and develop essential leadership, communication and teamwork skills.
- **Fit 4 Life:** Energize Body, Mind & Entrepreneurial Spirit! Discover the power of aerobic workouts, yoga, mindfulness, and nutrition. Ignite your inner athlete with heart-pumping exercises and build strength. Learn entrepreneurial skills like self-discipline and goal-setting. Fuel your body with nutrition knowledge. Embrace lifelong fitness and unlock your path to success!

## LIFE SKILLS

- **Drivers Education Prep:** Ace the Road! Get ready to tackle your driver's learner's test with confidence as you dive into the world of road rules, traffic signs, and safe driving practices. This informative course will provide you with the knowledge and skills needed to ace your exam. From understanding traffic laws to practicing hazard perception, you will learn essential techniques and strategies to navigate the road safely.
- **Study Smarts 101:** Unlock Your Academic Potential! Master effective study habits, time management, and personalized homework help. Develop entrepreneurial skills in organization, problem-solving, and self motivation. Join us to conquer challenges, excel in your studies, and unlock a world of academic success!
- **Changemakers Unite:** Volunteer, Mentor, Lead! Dive into volunteerism, mentorship, and leadership, making a real difference in our community through school-based initiatives such as assisting the teacher, event planning, being a mentor and reading buddy, and volunteering in younger grade classrooms. Gain valuable skills and amplify your impact as an entrepreneurial Changemaker with fresh opportunities each term. Join us and be a catalyst for positive change!
- **French Adventures:** Bonjour, Entrepreneurs! Get ready to embark on a thrilling linguistic journey in our French Adventures elective! You'll gain essential language skills for success in high schools French 10, 20 and 30. But that's not all – we'll also ignite your entrepreneurial spirit by discovering how to apply your French knowledge in practical, real-world scenarios!
- **Stage Stars:** Shine in the Spotlight! Unleash your creative talents through drama and musical theater. Join us for an unforgettable spring musical production. Learn performing arts skills and embrace entrepreneurial traits like teamwork and problem-solving. Take the stage, ignite your confidence, and become a star in the spotlight! (Term 1 & 2)

## FINE ARTS

- **Improv Mania:** Unleash Your Spontaneous Creativity! Explore the exciting world of improv drama, where quick thinking and spontaneity take center stage. Develop entrepreneurial skills in adaptability, collaboration, and creative risk-taking. Join us for a wild adventure of laughter, teamwork, and unforgettable moments on the stage! (Term 3)
- **Culinary World Tour:** From Tastebuds to Entrepreneurship! You have been hired to curate a high-end menu for a prestigious restaurant. Find recipes whose ingredients can be reasonably sourced at an affordable price, are easy to prepare for large quantities of guests, and tantalizing enough to impress even the toughest food critics. Publish your refined menu, reflecting sophistication and excellence, and then prepare your best dish to share with classmates acting as food critics.
- **Global Indigenous Artistry:** Unleash Your Inner Creativity! Calling all aspiring artists and cultural enthusiasts! Together we'll delve into the diverse and captivating art forms of indigenous peoples from around the world. Starting with a unit centered around our own FMNI peoples, we will learn of their amazing culture through music and various art projects, where you'll create your own masterpieces!
- **ArtVenture:** Ignite Your Imagination, Shape Your Future! Dive into a world of creativity with drawing, painting, fiber arts, and sculpting. Unleash your artistic superpowers and explore endless possibilities for self-expression. Plus, gain entrepreneurial skills to market and sell your artwork. Let your imagination run wild and embark on an ArtVenture like no other!

## Generalized CTF (Middle School Elective) LESSON SEQUENCE

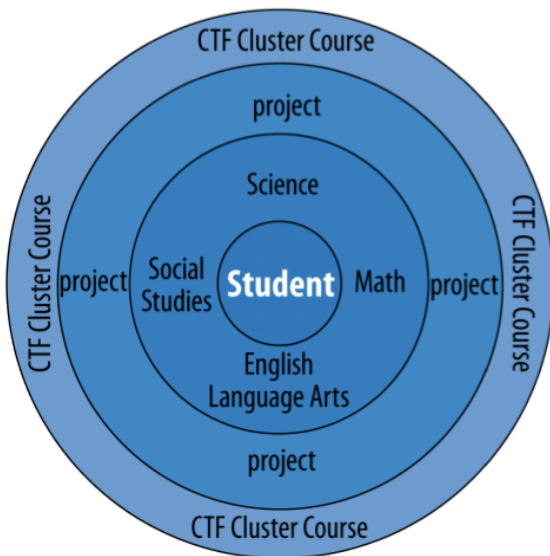
This set of lessons is timed over 10 weeks, though 12 may be available. Verify with the FFLA Calendar.

1. Teacher presentation of general OUTCOMES - Week 1
2. Teacher presentation of ideal SEQUENCE - Week 1
3. Class discussion of COURSE TOPIC and its link to the CAREER WORLD - Week 1
4. Teacher outline and handout for PROJECT A with Rubric - Week 1
5. Teacher outline and handout for PROJECT B with Rubric - Week 4
6. Teacher outline and handout for PROJECT C with Rubric - Week 7
7. SELF OR GROUP PRESENTATION of one completed Project - Week 9
8. SELF, GROUP, TEACHER EVALUATION of student or group Projects - Week 10

## STUDENT EVALUATION

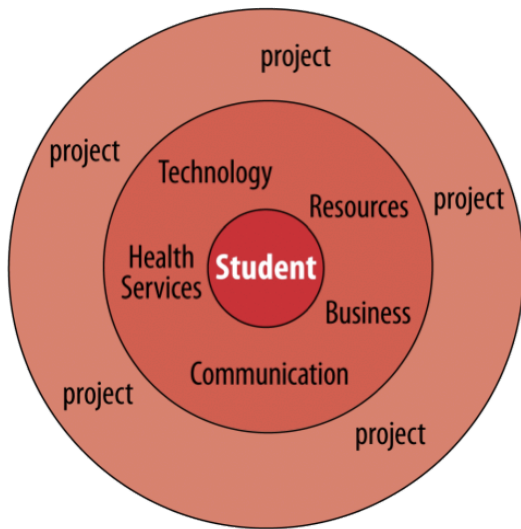
1. PROJECT A - 30%
2. PROJECT B - 30%
3. PROJECT C - 40%

## Implementation Models:



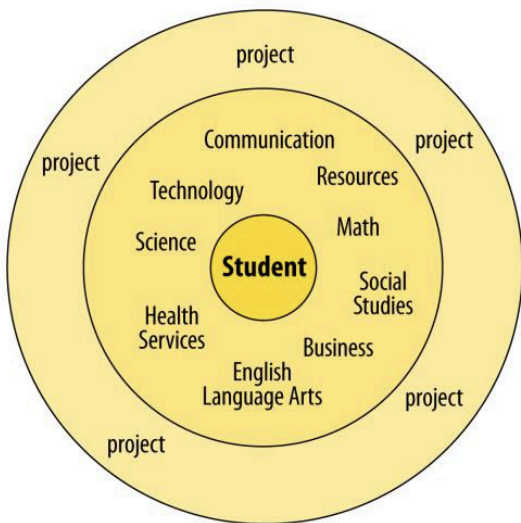
- students take traditional core classes
- they create a CTF project integrating core and complementary course outcomes

## MODEL 1



- school has CTF cluster-based courses
- students complete projects in CTF courses

## MODEL 2



- school is inter-disciplinary
- students take courses, create projects and have opportunities to work in each CTF cluster

## MODEL 3