

# FOOTPRINTS FOR LEARNING CHARTER ACADEMY

## FLCA ELECTIVES

MOTTO - EXPLORE ACHIEVE EXCEL

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### INTRODUCTION

The **FLCA Electives** are divided into three terms of approximately 10 to 12 weeks each for Middle School Grade 7 through 9 students. They are meant to be CTF (AB ED) based with a touchstone piece on careers and entrepreneurship. The philosophy is one of exploration and engagement, not of strict assessment. The planning will be exploratory and project and/or inquiry based learning as a foundation. Group interaction is also important.

### COURSE SELECTIONS

#### 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 a variety of sports such as soccer, basketball, volleyball, swimming, track and field, badminton, pickleball as 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. 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!

## FINE ARTS

**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)

**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 that whose ingredients can be reasonably sources 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!

## LANGUAGE & PRACTICAL LIFE SKILLS

**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!

**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!

**Monsters Inc:** Can you write a story with descriptive child-like monsters? Can you read a story to the young grades with monster-like characters? Can you teach children to draw and color animation cartoons of monsters? Can you then create clay or clothe models of these monsters for the younger grades? We know you can! Join us in this fun thematic entrepreneurial elective. Discover the literature, art, and games inside of Monsters Inc.