

# OMS Electives Classes

## *Guide to Semester 2 Electives classes.*

Some classes have FOCUS codes that are not clear on what content the class covers, to clarify please see below for those codes and what to expect from content.

Please reach out to the respective teachers with any additional questions.

*NOTE: class changes may not be available. This information is for what content to expect, not for schedule changes.*

**Mrs. Dana Alvarez** - [dana.alvarez@capecharterschools.org](mailto:dana.alvarez@capecharterschools.org)

**ACTING:** Introduction to the performing art of acting. Students will learn public speaking skills, such as voice projection, articulation and confidence. Students will additionally learn the basics of acting such as how to create a character and improv.

**CHORUS:** Students will study the basics of proper vocal technique while learning how to sing and harmonize as an ensemble.

**TECH THEATRE / STAGECRAFT:** Introduction to the behind the scenes of theater! Students will be introduced to set and costume design, marketing, prop creation and other visual art aspects of the world of Broadway. Class creations may be used onstage for school productions.

**Ms. Tammy Bly** - [tammy.bly@capecharterschools.org](mailto:tammy.bly@capecharterschools.org)

**CAREERS RES & DEC: Careers:** 8th grade students explore the variety of career paths ahead of them and possible college degrees that will set them on their way. Highlights of the class include learning to craft a resume and participate in “Mock Interviews” dressed in their best business attire!

**Mr. Matthew Clark** - [matt.clark@capecharterschools.org](mailto:matt.clark@capecharterschools.org)

**Business Lead Skls = STEM 2 Robotics:** In this hands-on VEX IQ Robotics course, students will design, construct, and program robots to complete specific tasks and compete in a variety of challenges. Students will also build and program an animatronic creature with the use of sensors and servos found in the Hummingbird Robotics kits.

**M/J Dig Art & Des 2 = STEM 3 Game Design:** This new STEM course is focused on the exploration of game theory and the application of design elements in the construction of a board or card game. Students will also have the opportunity to turn their board or card game into a video game.

**M/J Wellness Ed Gr 8 = STEM 3 Biomedical Engineering:** Students will explore the ways biomedical engineering can be used to improve people's lives through designing

and building sensory toys and assistive devices. We will also build the Neuromaker Hand kit and explore coding, AI, and their applications in biomedical engineering.

**Mrs. Lisa Dewitt** - [lisa.dewitt@capecharterschools.org](mailto:lisa.dewitt@capecharterschools.org)

**CRIT THINK - Critical Thinking Skills:** A combination of Study Skills, Character Education (Resiliency), and Leadership class. Designed for 6th graders, this class will help students become organized, learn how to use their time wisely, prioritize responsibilities, problem-solve, and use self-discipline to remain focused and motivated. Students will focus on the characteristics of being a good leader and understand the importance of developing these traits and understanding their benefits. Students will learn to develop self-awareness, self-control, relationship skills, social awareness, interpersonal skills and responsible decision-making.

**Mrs. Rose Foster** - [rose.foster@capecharterschools.org](mailto:rose.foster@capecharterschools.org)

**M/J ENG CIT - “The Film Experience”** Students will explore the concepts of character and leadership through the lens of popular movies. By analyzing and discussing various film characters and their leadership qualities, students will learn valuable lessons about communication, decision-making, teamwork, and ethical behavior. Through a combination of movie screenings, discussions, group projects, and individual reflections, students will develop their understanding of character traits and effective leadership and their applications in real-life scenarios. This course is designed to be engaging, thought-provoking, and fun, while promoting critical thinking and personal growth.

**Mrs. April Gibson** - [april.gibson@capecharterschools.org](mailto:april.gibson@capecharterschools.org)

**VISUAL ART 1** - 6th grade intro to Art class. Students will cover the Elements of Art with multiple mediums and explore artists from both the past and current times.

**VISUAL ART 2** - 7th & 8th grade students will build upon art skills from the previous year. Projects will include graphic & product design, painting and color theory, drawing skills, ceramics and more!

**VISUAL ART 3** - 7th & 8th grade advanced art students will work with both 2D and 3D mediums to help further their understanding of visual art history and how to apply these skills in possible art careers.

**3D STUDIO ART 1 - “3D Fiber Art”** - students will learn both hand sewing and machine sewing techniques. Students will explore costume design as a career path, and learn to think and draw using 3D techniques!

**Mrs. Heimberg - [cynthia.heimberg@capecharterschools.org](mailto:cynthia.heimberg@capecharterschools.org)**

**COMP SCI DISC - “Video Production”:** students will make commercials, create story trailers (similar to movie trailers) and design stop motion videos.

**THEATER 1 - “Making a Scene”:** students will learn stage makeup techniques including aging, bruising, black eyes and animals. Duet and small group ensemble acting, script writing, flip the script (make the villain in the victim, ect) and improv.

**Ms. Lindsey Koller - [lindsey.koller@capecharterschools.org](mailto:lindsey.koller@capecharterschools.org)**

**Music ENS - Beginning Music (Periods 3, 5, 7 & 9)**

Intro to music classes which will include basic music theory, basic guitar techniques as well as chord structures and multiple songs.

**MUSIC ENS - Band Class (Periods 2, 4, 8 & 10)**

Students will choose from instruments including flute, clarinet, saxophone, trumpet, trombone and percussion. **Students will need to rent or purchase an instrument.** (Renting is HIGHLY recommended).

**Ms. Jenny Schoonover - [jenny.schoonover@capecharterschools.org](mailto:jenny.schoonover@capecharterschools.org)**

**Business Lead Skls = Explore Cyber (P2, P5, P9)**

*Prerequisite: Intro to STEM 1*

In this course you will learn about cyber security, hacking, autonomous technology, Micro:bit coding, smart cities, computer hardware and software, and more. You will be challenged to apply your learning to real world technology projects and explore what a potential career in technology has to offer. You will get to work with an autonomous robot and complete challenges with a Sphero robot. No experience needed!

**M/J Emerging Leaders = Making For Good (P1, P7, P9)**

*Prerequisite: Intro to STEM 1*

In this course you will learn how making and fabrication can be used to solve problems and support individuals in your local community. In the process you will be learning fabrication techniques such as sewing, 3D printing, and digital design. You will be challenged to apply your learning to real world projects and your final products will be donated to various individuals throughout the community and school. Your final hands-on project will be a “Shark Tank” invention that could help a member of the community.

**M/J Wellness Ed STEM 3 = Mechanical Engineering (P 10)**

*Prerequisite: Intro to STEM 1 and STEM 2*

The SnappyXO Robotics Kit allows you to build a variety of robots, primarily focusing on sensor controlled and motor-driven wheeled robots. You will learn Engineering design, electronics, and programming using this kit. No experience needed! We will use a

web-based app, MotionGen, to design and animate mechanisms for making your robots move, such as walking robots, drawing bots, grabbers, and more.

**Ms. Amanda Stiffler** - [amanda.stiffler@capecharterschools.org](mailto:amanda.stiffler@capecharterschools.org)

**M/J FITNESS GRADE 6 - 6th Grade STEM class:** This engaging introductory STEM elective will provide students with inquiry-based experiences that develop design and critical thinking skills. Students will apply and expand their knowledge of technical drawing and problem-solving while also focusing on 3D design & fabrication, structural engineering, coding, robotics, and electric circuits. Successful completion of this course is required for students to enroll in higher-level courses including VEX & underwater robotics, animatronics, cybersecurity, manufacturing, mechanical engineering, and game design.

**M/J DIGITAL ARTS & DESIGN 1** Students in this course will learn how to incorporate the principles of design in the development of both physical and digital marketing products. Activities will include the development and manufacturing of a business logo for social media and the manufacturing of promotional marketing materials. Students will also develop skills in photo composition using digital cameras and editing software.

**Mrs. Veronica Tarabokija** - [veronica.tarabokija@capecharterschools.org](mailto:veronica.tarabokija@capecharterschools.org)

**CREATIVE WRIT 1 - “Creative Writing”:** Students explore what it’s like to write for various genres. Students will write forms of creative writing such as short stories, poetry, narrative/ memoir, creative nonfiction, songs, and speeches.

**VISUAL ART 1 - “Intro to Art”** This class will take the Elements of Art to a whole new level with a variety of mediums. Students will draw, paint and create 3D art over the course of the semester, each project encapsulating one or more of the Elements.

