

2024-2025

6-8th Grade Exploratory Course Offerings

At The Lincoln Academy, scholars will graduate college and be career-ready. TLA scholars will be exposed to careers at each grade level as part of their education. Each year, 6-8th grade scholars can take four different exploratory courses that align with their Individualized Learning Plan. Scholars will select four exploratory courses plus two alternates. These courses will provide hands-on learning experiences and career exploration through different pathways. By taking these courses, it will help guide scholars when picking what courses they would like to take in high school. Below are the course descriptions for all the exploratory courses.

Broadcast

Scholars will be introduced to the art of combining journalism and video. Scholars will research topics and provide reports in writing and speaking. They will be able to work with high school scholars to broadcast the school news.

Build-A-Band Workshop. *2 Quarters**

Step into the world of music creation and collaboration in this hands-on course, designed for individuals who want to experience the thrill of building their own rock band from the ground up. Scholars will be immersed in a dynamic learning environment, forming small groups to craft a unique musical identity, from choosing a name to designing a logo, and ultimately performing in a final "Battle of the Bands" showcase.

Ceramics

In this course, scholars will learn about the historical background, aesthetic traditions, and artistic properties of ceramics. The scholar will acquire knowledge of form, volume, and space relationships when creating ceramic pieces.

ChromeDepot

Scholars will learn about computer equipment, terminology, and networking. Scholars will learn how to teardown and rebuild a variety of computers from Desktops to Chromebooks. They will help repair scholar devices. Computer ethics, careers, and job outlooks will be discussed in this course.

Citizenship and Service

This course provides classroom experiences that will help scholars become informed and responsible citizens, promotes self-reliance, discipline, and leadership.

Culinary

This course is designed to introduce culinary to scholars. Scholars will gain knowledge about food and nutrition. Scholars will work in groups preparing recipes and developing introductory food preparation skills. Essential skills will focus on kitchen safety and sanitation, lab procedures, and measuring techniques.

CNC

Scholars will be introduced to CNC equipment and learn how to use an XS Tech desktop CNC through this hands-on lab-based class. During the course, scholars will learn how to properly set up and operate a desktop CNC Mill. Scholars will learn how to program CNC CAM software to make custom parts. Scholars will also learn about manufacturing and engineering careers. NC3 (National Coalition of Certifications) curriculum will be taught in this course.



Creative Writing

Scholars will examine different writing genres and the elements necessary to write stories, poetry, journal entries, and other works that encourage creativity and originality. Scholars will be exposed to various authors, writing techniques, basic story elements, and peer feedback to improve and expand their writing skills. When possible, scholars will have the opportunity to share their work with their peers and communicate with published authors.

Construction

Scholars will begin to familiarize themselves in the Construction Lab learning about safety and how to use a variety of different hand and power tools. During the course, scholars will work with a team to design and create a custom project.

Education

This course will allow scholars to develop critical-thinking, collaborative, and time management skills. This class introduces scholars to the process of lesson planning, creating their own lesson plans, and having hands-on experiences teaching their lessons to other scholars. Scholars will teach lessons of their choice and be creative in the project creation process while working collaboratively with others in the classroom.

Fitness and Personal Health Basics

Scholars will improve endurance, overall fitness level, and athletic performance in this class. Scholars will learn correct form for lifting weights, how to properly use gym equipment, and information to lead a healthy and fit life. Fitness training will help protect their bodies from injury due to being in the best physical condition possible.

Healthcare

This course introduces middle school scholars to the exciting, dynamic world of health sciences. This industry is rapidly changing and in high demand for workers who can think critically to solve a range of health-related problems. Scholars will explore healthcare systems, legal and ethical issues, and basic healthcare skills.

Hydroponics

Scholars will learn about indoor farming by using our Flex Farms Hydroponic system. They will learn how to grow their food, study plants, learn about careers in agriculture, and operate the Fork Farm. Given time and appropriate weather, we may also plant using more traditional methods and learn about the benefits of native plants.

Illustration

In this exploratory scholars will explore a variety of drawing techniques. There will be a large focus on character variety and exploring the elements of art. Scholars will gain insight on the significance of illustrations, materiality, and style.

Innovative Lab

This course introduces scholars to makerspace. They will learn the importance of creativity, collaboration, and problem-solving while using the technology and equipment. Scholars will learn about safety, the design process, and computer-aided design. Scholars will learn how to use 3D printers, lasers, vinyl cutters, and design software that supports these machines.

Lifetime Wellness

Scholars will learn and practice several different forms of physical activity. The goal is to learn the importance of physical, social, mental, and emotional well-being, and how those four components create a well rounded healthy individual. Scholars will participate in classes like yoga, pilates, step, zumba and more. We will incorporate walking while learning how being physically fit and active affects all other aspects of our lives.



Makeup Artistry

Scholars will obtain skills and techniques in make-up composition and application. Scholars will explore hair styling, sanitation, business management, and working with a client. Cosmetology careers will be discussed and explored in this course.

Metals Art

This course is designed to familiarize scholars with basic and traditional metal techniques for designing and creating metal objects. Using tools, machines, and materials, scholars will learn the importance of the metalworking industry.

Mosaics

In this exploratory scholars will explore glass as a material. Scholars will become well-versed in producing tesserae. Scholars will explore grouting techniques. There will be a focus on color theory, 2-D design, technical applications skills, and lab safety.

NJROTC ***4 Quarters ***Open to 8th Grade Only

This course is designed to prepare the scholars that want to participate in a (4) year Naval Science course of study as Naval Cadets. Among other things they will learn the Navy's core values of Honor, Courage and Commitment as well as participate in various competitions in Drill, PT, Color Guard and Drone. This course is offered for all (4) quarters.

Robotics

Scholars will learn how to use software to design, build and program robots. This course will help scholars develop essential skills, creativity, and critical thinking.

Songwriting

This course offers a vibrant and engaging journey into the world of songwriting, empowering scholars to express themselves through music. Through a blend of interactive activities, collaborative projects, and guided instruction, scholars will discover the art and joy of creating their own songs.

Spanish

This course offers scholars an overview of the Spanish language and culture. Scholars will learn basic vocabulary, basic expressions, and cultural information. Scholars will explore how the Spanish language and culture relates to English and other countries.

3-D Modeling

Scholars will learn how to 3D model using Fusion 360. 3D modeling is the root of the technology we offer here at TLA. Scholars need to know how to design, 3D model, create assemblies and animations within a 3D modeling software to properly utilize any of the technology we have in our labs. Whether scholars use the 3D printer, laser, CNC, or router it all starts with 3D modeling.

***Subject to change based on scholar course request.

