



# Lyceum Learning Institute

Wisdom Begins With Wonder

**WINTER 2021**  
Course Guide

# INTRODUCTION

Winter 2021 classes will be completely virtual. Students will meet with their teachers through Zoom weekly. Materials will be porch drop off or mailed. Partnership students will check in with their teacher of record weekly and complete a Monroe Public School online component for each of their classes.

Partnership students may choose up to four classes. K-6 students will be assigned an online component for each class through Lincoln Learning or Google Classroom and 7-12 students will be assigned an online component for each class through Edmentum. The online component is required in order to receive funding through Monroe Public Schools.

The tuition cost is for non partnership, self pay students only. If you are registered through Monroe Public Schools you do not pay tuition. Tuition students will be billed once the class meets the minimum of 4 students. This is the cost to pay the teacher, supplies, and PayPal fee.

## Winter Calendar

Classes begin week of February 1st

Classes end May 14th

No classes for Spring Break April 2nd-April 11th

## Index

Technology.....	3
Art.....	6
Physical Education.....	7
Music.....	8

# TECHNOLOGY



## Minecraft Travel Through Time with the Magic Tree House

Ages 6-10

Tuition Students: \$165

We will spend 14 weeks exploring all areas of time and history with the Magic Tree House. In just a few of our adventures, visit the time of Dinosaurs, design with Leonard da Vinci, race the Iditarod, and live through a hurricane. Jack and Annie will make great traveling partners as we build history in Minecraft.

**Requirements:** Students need to purchase their copy of Minecraft and have their own computer that can run the program. Minecraft Java or Bedrock Edition.

**Class Format:** Students will meet with instructor on Zoom and in the game during class time.

## Minecraft Build a Zoo

Ages 10+

Tuition Students: \$165

Do you love going to the zoo? Well you can build one inside of Minecraft. Each week in class we will add sections to our zoo and then you can enjoy visiting the zoo any time you would like. We will discuss the importance of zoos, scientific studies in zoos, entertainment that draws us to visit zoos, natural world biomes, and of course the animals.

**Requirements:** Students need to purchase their copy of Minecraft and have their own computer that can run the program. Minecraft Java or Bedrock Edition.

**Class Format:** Students will meet with instructor on Zoom and in the game during class time.

## Minecraft - Wonders of the Ancient World

Ages 10+

Tuition Students: \$165

Explore and build ancient architectural wonders of the world. Students who are comfortable building are encouraged to join this class as we explore ancient building sites from around the world. How were these creations built? Who built these wonders, and why did they build them? This is not a class for beginner builders.

**Requirements:** Students need to purchase their copy of Minecraft and have their own computer that can run the program. Minecraft Java or Bedrock Edition.

**Class Format:** Students will meet with instructor on Zoom and in the game during class time.



## **Inventions & Contraptions**

Ages 5-11

Tuition Students: \$217

Students experience the opportunity to think, dream and design like an INVENTOR! Building, designing, engineering! Build Robots, Air Powered Vehicles, a Hydraulic Platform, Catapults, Nutty Challenges, and more! The program includes a Supply Kit with all the supplies necessary to complete the weekly activities, written and video instruction for all activities, and a weekly Zoom meeting. All kits will be provided to students before the program begins.

## **Nutty Professor STEAM**

Ages 5-11

Tuition Students: \$217

Explore the wonders of STEAM (Science, Technology, Engineering, Art, Math) like never before in Nutty Professor! Investigate the Wonders of Water, build your own “Gravity Defying Object” as we investigate the concept of Center of Gravity, Static Electricity Wands that can actually make things float, multiple mind-blowing AMAZING AIR experiments, awesome POLYMERS, DIY Stomp Rockets AND Launcher Kit, and so much more! The program includes a Supply Kit with all the supplies necessary to complete the weekly activities, written and video instruction for all activities, and a weekly Zoom meeting. All kits will be provided to students before the program begins.

## **Art, Science, and Animals**

Ages 5-11

Tuition Students: \$217

Students will take an artistic peak into the world of a Zoologist! We will alternate weeks of science experiments and art projects that explore different characteristics of animals! Every other week there will be a short video with Professor Pollen introducing live animals from the Creature Conservancy in Ann Arbor Michigan. The program includes a Supply Kit with supplies necessary to complete the weekly activities, written instruction for all activities, and a weekly Zoom meeting. All kits will be provided to students before the program begins.

### **Additional Information for all Nutty Scientist classes:**

**Requirements:** The program includes a Supply Kit with all the supplies necessary to complete the weekly activities. All kits will be provided to students before the program begins. Some common household items are not included.

**Class Format:** Each week, students will receive an email with instructions for one of the activities and access to a recorded video with further instructions and information about the topic. Students will then meet on Zoom with a Nutty Scientist where they will share their projects from the week, ask questions, share about their challenges and successes AND some extra Nutty Challenges (including NUTTY SCIENCE FACTS)!

## Chess

Ages 9+

Tuition Students: \$186

Learn to play or practice your skills! Students will be paired with peers of similar abilities to problem solve and practice the rules of the game. Students will work together to create key strategies, learn classic moves, and solve puzzles using critical thinking.

**Requirements:** Students will need a chess board and pieces to practice at home.

**Class Format:** Students will meet with instructor on Zoom.



## Zoology Around the World

Ages 5-9; 10+

Tuition Students: \$73

Animals can be found around the world from the coldest to the hottest climates. This class will dive deep into the habitats where animals live and how animals are able to survive there. We will explore a new habitat each week while meeting live animals and completing interactive activities. Students in the 5-9 age group will focus on describing and observing animal habitats. Students in the 10+ age group will include inquiries and developing scientific explanations as part of their course.

**Class Format:** Programs will take place on Zoom. You will receive an email invite to all meetings for the semester in your welcome packet before the semester starts. Reminder emails with links and supplementary material will be sent out weekly. The program will be about 30 minutes long. Students may ask questions via chat or microphone but are asked to keep muted when the instructor or other classmates are speaking. Behavior or comments deemed unacceptable by zoo staff may result in removal from the program.

# ART

## Build Your Own Chess Set

Ages 9+

Tuition Students: \$200

Students will build their very own chess set from scratch! We will be creating the 8x8 chess board, sculpting the pieces step by step from polymer clay, baking the pieces to harden them, and then finishing the pieces with felt. Students may choose to sculpt the traditional chess pieces or explore their creativity and sculpt unique characters for their pieces!

**Requirements:** Students will be mailed materials including bricks of black & white clay, but if they would like specialty colors, they would need to purchase those separately.

**Class Format:** Students will meet with instructor on Zoom.



## Polymer Clay Sculpture

Ages 9+

Tuition Students: \$186

Students will sculpt step by step with the instructor several character sculptures using polymer clay.

**Requirements:** Students will be mailed a few bricks of clay, but if they would like specialty colors, they would need to purchase those separately.

**Class Format:** Students will meet with instructor on Zoom.

## Pinterest Art

Ages 6-9; 10+

Tuition Students: \$165

Do you have a favorite Pinterest board? We'll tackle Pinterest art and crafts over the span of this 14 week course. Some projects will be completed in 1 session, while others may span over a two week period. All projects will be tested for success prior to class.

**Requirements:** A supply list will be provided for students before class starts. All projects will use supplies that are easily accessible from various box stores or Dollar Trees. This class will have two different age levels, so please check age range when enrolling.

**Class Format:** Students will meet with instructor on Zoom.



# PHYSICAL EDUCATION

## Karate Class

Ages 5+

Tuition Students: \$174

In this class students will learn the heart of martial arts in the traditional Japanese system. Students will learn to improve body posture, the ability to follow directions, improve self control and focus. Some of the techniques used to train the students will be brain gym, focus, relaxation, discipline, and respect. Students will learn the basics, kihon's and katas for belt testing. Students will be provided with belts.

**Requirements:** Students will be provided with belts. Karate Uniforms are optional if the parent would like to purchase one for their student.

**Class Format:** Students will be taught through Zoom in conjunction with recorded virtual classes and online questions and answers.



# MUSIC

## Beginning Piano and Music Reading

Ages 7-11; 12-16

Tuition Students: \$160

In this class, you will learn to read music and begin playing the piano. We will cover basic beginning rhythms, the names of the piano keys, finger numbers and the notes of the Treble Clef. Using games and fun songs students will begin to explore the keyboard and staff and will learn to play several pieces!

**Requirements:** Students will need a piano or keyboard to practice on and a piano book which will be provided.

**Class Format:** This class will begin with a video portion and then a 10 minute coaching session on Zoom. The coaching sessions will be scheduled during the class time and will remain consistent throughout the class. Students should view video just before they come to the instructor session.

## Music Around the World

Ages 6-12

Tuition Students: \$150

Come with us on a musical adventure around the globe! We will learn about instruments near and far and sing and move to music that is important to different cultures. We will apply some musical terms and learn music concepts as we go! Music truly is a universal language...let's explore!

**Requirements:** No special equipment is required.

**Class Format:** This class will be a mix of Zoom meetings, video links and at home activities.



## Guitar

Ages 7+

Tuition Students: \$160

In this class, students will learn to read music and begin playing the guitar.

**Requirements:** Students will need a guitar to practice on.

**Class Format:** Students will receive a 10 minute coaching session on Zoom. The coaching sessions will be scheduled during the class time and will remain consistent throughout the class.

## Shakespeare is Fun!

Ages 8-14

Tuition Students: \$150

This is a class with an introduction to Shakespeare and his writing! We will learn who Shakespeare was and a bit about the times he lived in. We will explore his poetry and language and will study a couple of his plays, all at a child's level! Students will also get a chance to recite some famous speeches he wrote! A combination of instruction and discussion along with some at home activities will keep your student engaged and wanting to know more!

**Requirements:** Access to a printer is helpful but not required. No outside materials required.

**Class Format:** A combination of instruction and discussion along with some at home activities will keep your student engaged and wanting to know more! This class will be an online Zoom meeting.