



**Lyceum
Learning
Institute**

Wisdom Begins With Wonder

Fall 2019

MPS Partnership Course Guide

Art, music, tech, and physical education classes are all eligible for MPS partnership classes. Each of these courses contains an online component that is mandatory for students to complete if these courses are taken with state funds. Optional personalized applied application opportunities are available. Students may choose up to 4 classes, and must enroll in a minimum of 2. Some classes may include both a Lyceum title and an MPS title.

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ART

Craft Masters

Ages 9+

Are you up for the challenge? Each week the class will work in groups and be given a Mystery Box Challenge with different art supplies, and inspiration from art history. They'll battle the clock and the limits of their imaginations to create a work of art that both inspires and fulfills their inner Craft Master.



Minecraft Magic School Bus MPS: Minecraft Media Art

Ages 6+

This historical journey will allow kids to build a world of possibilities. In this course, we will recreate scenes from a hit TV show by using art.

Nature's Palette

Ages 5-8, 9+

Nature provides inspiration to us in so many ways. Let's make art that celebrates it! We'll incorporate objects found in nature: leaves, minerals, wood, bark, vines, berries, etc to make works of art that are both inspired by and in-tune with the outside world. We'll also utilize and learn traditional and ancient techniques for making paints, dyes, baskets, pottery, and charcoal for drawing.

Photography 101 & 102

Ages 9+

Students will learn the basic functions of a camera and how to shoot in manual mode. Discover how to edit, retouch, and manipulate photos to create original compositions in Adobe Photoshop.

Minecraft Carmen San Diego MPS: Problem Solving with Minecraft

Ages 6+

Build a set in the world of Minecraft, and add scenarios. Classmates will solve mysteries with a famous detective as a guide.

Sculpture

Ages 9+

Enjoy exploring a variety of materials including fabric, fibers, wire, wood, clay, and found objects to create realistic or fantastical self-portrait sculptures. Learn techniques to sew, sculpt, and paint your own expressive characters.

Fairytale & Folklore Theater

Ages 5+

Act out fairytales and folklore from different countries and even some with their modern twists for comparison.

Gardening

Ages 5-9

Fun opportunities to learn about ecology and botany, while creating garden art and appreciating your natural surroundings. Students will grow their own food and plants to take home.

Acrylic Painting

Ages 8+

Students will be painting on canvas with step-by-step instruction with the teacher. We will create 5-7 acrylic paintings in the semester.

American Girl Doll Crafts

Ages 7+

MPS: Arts and Crafts with Dolls

Bring to life stories of various periods in American history by using crafts. We will also make outfits and accessories for an 18-inch doll representing these different periods of time. Doll high chairs are available.

Be Naturally Curious

Ages 9+

Learn about the natural world around you the environment, botany, and ecology. Horticulture, agriculture, and landscape architecture are a mix of art and the world around you. Class will include hands on projects like creating your own living sculpture with Bonsai.

Code and Crochet

Ages 8+

Learn to write & read code while students knit and crochet. Train your brain with hand crafts as a warm up for computer coding. Learn to read knit and crochet code and make fun stuff!

What does this code mean to you?
R1 and 2: *K1,P1. Repeat from * across.
R3 and 4: *P1,K1. Repeat from * across.
Are you ready to break this code and learn how to read it? Then this is the class for you! We will learn how to take sticks, fiber, and code while using both our analytical and creative talents (left and right brain) to get from the beginning of the task to the targeted result in a relaxed student-led pace. Come see what the researchers are raving about. Hooks or needles, and yarn are supplied by the student.

Stop-Motion Animation

Ages 7+

Students will experiment with different stop-motion mediums including claymation, pixilation, paper cut-out, and more. We will explore different animation techniques followed by a hands-on animated exercise.

Sewing 101

Ages 8+

Learn to sew using a sewing machine. No prior knowledge is necessary. We will learn the parts of the sewing machine and how to thread it and wind a bobbin. Then move into inserting a needle and threading the machine. We will learn the two basic stitches, the straight stitch and the zig zag. We will learn how to cut out a pattern and sew it together. Focus on pj pants and a stuffed animal for projects. Fabric and simple supplies are supplied by the student.

Sewing 103

Ages 8+

We know how to use the sewing machine, and mastered the art of pressing and ironing. Let's take those skills a step further and craft some bags! We will begin with a simple book bag and build our skills up to a fashioned bag (purse). Fabric and simple supplies are supplied by the student.



Art of the Wizarding World

Ages 8+

In this class we will be creating crafts revolving around the Wizarding World of Harry Potter.

Sewing 102

Ages 8+

We will move on from the beginning sewing class to learn more skills and produce a project. Taking sewing 101 is a prerequisite to this class. The focus will be on making your first quilt. Fabric and simple supplies are supplied by the student.

Sewing 201

Ages 9+

You are a sewing master (or you feel like it anyhow, eh?!) and are ready to do your own thing. In this class, each student will pick a project that they really want to make and with guidance and expertise, we will craft that item(s) together. Fabric and simple supplies are supplied by the student.

Waldorf Handwork

Ages 5-8

Learning to maneuver young hands is a challenge at times. In this class kids work to develop their fine motor skills along with hand eye coordination as we focus our attention on skill building with crafts. In this first class our focus will be the art of crochet. With some simple tools and lots of patience we will aim to create cute little projects. Once our skills are solid we will venture into the Japanese style of crochet called Amigurumi. Amigurumi is the Japanese art of knitting or crocheting small, stuffed yarn creatures. The word is from the Japanese words ami, meaning crocheted or knitted, and nuigurumi, meaning stuffed doll. This class is taught with the child's skills and needs in mind. We will work at the students pace.

MUSIC

Music

Ages 5-7

This class is a wonderful introduction to the building blocks of music for young learners! Basic concepts are taught as students sing, move, and play games along with the music! Students build on their growing music vocabulary as they begin to analyze, discuss, and write music. Students begin to learn sight reading and notation through songs, activities, and music games.

Vocal Studio

Ages 8+

Find your voice! Students will learn to sight read music, explore their natural singing voice, and have a blast, in a class that mixes traditional singing lessons with karaoke.

Small Group Lessons

Ages 5+

Piano 101, 102, 103: Ages 5-8

Piano 201, 202, 203: Ages 8+
Various sections for all experience levels. Piano is provided in class, but keyboard or piano will be required for practice at home.

Drums 101, 102: Ages 7+

Violin 101, 102: Beginner

Violin 201, 202: Intermediate (must be approved by teacher)
Various sections for all experience levels. Students must have a violin by the first day of classes. The rental process takes time so plan ahead so your child is prepared.

Guitar 101, 102: Ages 8+

TECH

Legos in Action

Ages 5-8

Turn the simple blocks into simple machines as you explore how the world works using Legos!

Nutty Professor

Ages 5-8

Students will have fun engaging in hands-on experiences discovering new and fascinating creations! Each student will have a journal to record their findings, new words and concepts, and instructions on how to duplicate their creations at home! New students welcome!



Clue/Forensics

Ages 9+

Forensics is a lot like a game! This class, like forensics itself, involves finding clues, piecing together a puzzle, and solving mysteries left behind at a “crime scene.”

Build Your Own Ride

Ages 7+

Have fun building your own rides! Students will work together to building various means of fun transportation, such as scooters, speedsters, and even go karts! Just wait until it snows too! There are infinite possibilities for you to explore!

Build Your Own Computer

Ages 8-18

Ages 8-12: Piper

Ages 12+: Elegoo

Learn to program games and build electronics and physical gadgets to play the games. Children develop both technical skills and problem solving with inventive solutions. Students keep the computer they built at the end of the class.

Personal Finance

Ages 11+

This course uses personal finance curriculum that engages middle school students and transforms the way they approach money altogether. Students will learn practical financial life skills, from checking accounts to investing in the stock market for their future 401K.

Computers 101, 102, 103

Ages 7-10

Learn the basics of using a computer safely! From learning how to type and operating basic Microsoft programs like Word to navigating web browsers, sending emailing, and using the internet safely, Computers 101 gives students the foundations in digital basics and internet citizenship for today's electronic world. Computers 102 and 103 will build on skills learned in 101.

Lego Robotics Jr & League

Ages 5-9

Explore a variety of technology and engineering concepts. Lego WeDo 2.0 is a great starting point for beginning programmers and Lego fans! Students will have the opportunity to compete at a Lego Jr competition.

Space Odyssey Innovations Ages 8+

MPS: Inventions and Innovations for Space

Students get the opportunity to unleash their creativity as we build and customize a planetary rover and undertake missions inspired by NASA astronauts. Do you have what it takes to explore space? Space Inventions opens the door to a whole new world as we investigate each of the planets (plus the moon) and learn about ways that new inventions can change how we view outer space!

Computers 201, 202, 203

Ages 11-18

Computers 201-203 will build on the skills from the 100 level classes. Students will dig deeper into the Microsoft Suite as well as the Google Suite. Students will also progress into advanced concepts such as coding and html.

Create Your Own Youtube Channel

Ages 9+

MPS: Multimedia Web Broadcast

Learn how to safely create your own youtube channel and create videos for your channel! Students will explore the functions of publishing digital content on youtube while maintaining good digital citizenship.

PE

Karate

Ages 5+

Karate is the discipline of martial arts. Training builds off the fundamentals of this discipline. Our students learn to control their bodies, posture, focus, the ability to follow instructions, improve self-control, and physical fitness through our carefully crafted lessons. Safe sparring is practiced with a padded sword, helmet, and gloves.



Peaceful Playground

Ages 5-7

Ages 3-4 Tuition Only \$119

Peaceful Playground incorporates a variety of stories, music, exercise, and games in a fun collaborative setting.

Yoga

Ages 5+

This class incorporates a variety of poses, stories, music, games, and partner work to learn yoga, mindfulness, and breath work in a fun, collaborative setting. The age appropriate classes include fun movement using stories and themes, positive thinking, calm breathing, guided meditation, stretching, strengthening, and games!

CPR/First Aid

Ages 10+

Students will learn the skills to save someone's life. Students will be certified in CPR by the end of the semester.

Gym

Ages 5+

All fitness levels are welcome in this course that focuses on personal fitness and overall individual health. Students will learn the importance of routine fitness as a part of a healthy lifestyle.

LANGUAGE & CULTURE

Social Justice

Ages 12+

Course begins with the exploration of the principles of social justice. Touching on topics of economic, racial, gender, and disability justice. Careful attention is paid to supporting teens in their awaiting sense of social justice. We will help students find positive means to bring about change in local social issues through volunteering. We will be using the Oak Meadow curriculum.

American Sign Language

Ages 7+

Students will learn ASL and have opportunities to practice signing skills in real-life situations.

Mythology

Ages 7+

Take a look at some of the world's various mythologies and compare/contrast different cultures. We will also explore the differences and similarities various cultures have in the stories and tales of their land.

HERstory: Women's Studies

Ages 12+

Class focuses on the roles, experiences, and achievements of women in society.

Spanish

Ages 7-10, 11+

Learn Spanish with an immersion-style language education.



Latin & Greek

Ages 8+

In this class we will dive deep into the English language and learn where words come from and learn new words that will strengthen our English word bank. Students will need to have a pack of index cards, a case to keep them tidy, and a dictionary or device with the internet to search for words.

OFFSITE

Ceramics @ Art Insight Emporium

Ages 8+

Explore the art of hand building and wheel throwing of clay. Discover the science and beauty of glazing. Learn techniques and practices of working with clay. Includes 75 lbs of clay.

Gymnastics & Dance @ Aerial Express

Ages 5+

Aerial Express Gymnastics has a state of the art 18,000 sq. foot facility. Classes are taught by USAG safety certified instructors. Lyceum will arrange for your child's experience level test by AEG staff. Students will be placed in a level after testing.

Dance @ Illuminate Dance Studio

Ages 5+

Dance classes available for student 5 and older. Illuminate Dance Studio is located in Tecumseh, MI.



Dance @ River Raisin Centre for the Arts

Ages 5+

All classes begin with a warm up and include loco motor exercise, traveling and center stage combinations. Class ends with a cool down and teacher dismissal. A student's placement in a class is based on age and personal growth within the program. Lyceum will set up the appointment with the RRCA. Various styles of dance, such as Classical Ballet, Jazz, Tap, Pointe, Lyrical, & Modern are taught to dancers of all levels. River Raisin Centre of the Art Dance Academy is known for dance training excellence. All of the instructors are professional dance teachers with degrees and certification in respective styles.

Iaido Swordsmanship

Ages 5+

Learning the art of swordsmanship, studying the basics of the Katana, drills, and kata. Classes held at Japan Karate Academy.

Sam Beauford Woodworking Institute

Ages 12+

Students will learn shop safety, master using various tools, and create projects from oval shaker boxes to furniture. Whether looking to learn a new skill as a hobby, or for interest in a career in the high-demand manufacturing field, this class will give students a wonderful experience working with their hands.

Project WILD

Ages 5-9

This course will help students explore various environmental topics. You will learn how your behavior and actions in regards to wildlife, and their homes will impact the future. Students will perform field investigations and research and data analytics about wildlife. Class will meet at different zoos including Indain Creek Zoo, Detroit Zoo and Toledo Zoo.



Zoology

Ages 10+

Spend time at the beautiful grounds of the zoo. Enjoy in-depth learning about animals with a Lyceum teacher and meeting them in special presentations with zoo keepers. Class will meet at different zoos including Indain Creek Zoo, Detroit Zoo and Toledo Zoo.

Expeditions in the Arts

Ages 5+

Travel the Metro Detroit area's art, theatrical, and cultural attractions. See why Detroit is a technological leader in the world today. Students will create a scrapbook and keep a journal on our adventures in homeschooling. Transportation is provided by individual student's parents. All trips will be within an hour driving time of Monroe, focusing on the rich culture that the Detroit area has to offer. Upon registering, parents will receive a detailed list of each field trip including meeting time, where to find your leader, what to bring/not bring, cost for siblings/parents (if that applies), parking, lunch options, etc. Remember to keep your ticket stubs, photos, etc to add to your scrapbook.

Swimming @ YMCA

Ages 5+

Swimming lessons at a variety of levels for students 5+. Classes held at Monroe YMCA.





Culinary Arts: Taste of Europe

Ages 8+

Great cooking isn't about recipes - it's about techniques. In the classes, students will work with other students in a fun, hands-on environment led by the favorite professional chef instructor. Learn to bake French pastry, make pasta by hand, smoked ice cream, and more! Classes held at Sur La Table.

Skills From The Past

Ages 9+

Students in this course will learn basic skills in four folk craft mediums: Woodworking, Fiber, Leather & Paper. Each craft medium will introduce students to the basic tools and materials used. Students will then use their skills to develop projects within each craft medium. Classes held at MI Folk School.

American Ninja Warrior

Ages 5+

Learn how to be a ninja warrior with advanced gym classes. Field trips will be held in alternative gyms at Athletika Sports and Fitness in Livonia.



Music @ PARC

Ages 5-9

This class is a wonderful introduction to the building blocks of music for young learners! Basic concepts are taught as students sing, move, and play games along with the music! Students build on their growing music vocabulary as they begin to analyze, discuss, and write music. Students begin to learn sight reading and notation through songs, activities, and music games.

Art Discovery @ PARC

Ages 5-8

Young artists are encouraged to explore their world by fostering creativity and self-expression. Explore different mediums and processes in drawing, painting, print making, ceramics, and sculpture.

Swimming @ PARC

Ages 5+

Swimming lessons at a variety of levels for students 5+.

Piano @ PARC

Ages 5-8, 9+

Two sections divided by age group. Piano is provided in class, but keyboard or piano will be required for practice at home.

Voice Studio @ PARC

Ages 7+

Find your voice! Students will learn to sight read music, explore their natural singing voice, and have a blast, in a class that mixes traditional singing lessons with karaoke.

Culinary Arts @ PARC

Ages 8+

Great cooking isn't about recipes - it's about techniques. In the classes, students will work with other students in a fun, hands-on environment led by a professional chef instructor.

Life Drawing @ PARC

Ages 9+

Learn how to translate 3D forms to 2D using a variety of drawing techniques. This course focuses on the age appropriate development of observational skills and drawing techniques, employing a wide range of drawing media including charcoal, graphite, and ink. We will explore still life, live animals, flowers, plants, self-portraits, and we'll even take turns as artist models. Students in this course will develop both technical abilities and creative responses to material and subject matter.

Ceramics @ PARC

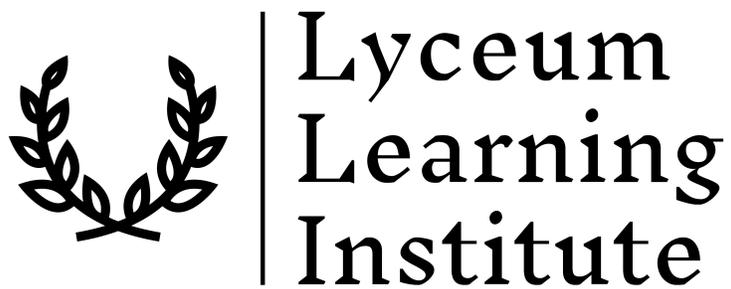
Ages 8+

Explore the art of hand building and wheel throwing of clay. Discover the science and beauty of glazing. Learn techniques and practices of working with clay.

Theater @ PARC

Ages 5+

Act out fairytales and folklore from different countries as well as scenes from Shakespeare's plays.



Wisdom Begins With Wonder

Michelle Mason,
Director
(734) 770-0003
Courses are Subject to Revision