

CLK VIRTUAL PROGRAMS

2020 - 2021 Course Catalogue



Course Name	Instructor	Optional Learning Experiences (OLE)	Age Range / Skill Level	Term	Day	Time	Provider	Course Summary
Advanced Build	Boersma, Matt	Seated	Advanced	Year Long	Monday	12:00 - 3:00	Discovery Center Offsite: Jutila Center	Build the shop experience.. learn safety, use a router, table saw, planer, joiner, bandsaw, drill press, and more to freely create. Practice and advance the design process. We encourage free thinking and creativity! Examples: build a bookshelf, a skateboard, a bluetooth speaker, a desk, a game board, or whatever comes to mind... Begin to get familiar with the wide world of building materials and methods of use. Design your own projects, make a plan, research, and execute. This is a free build atmosphere... We have some cool project options, but ultimately it is fully up to the student.
Art I	Shea, Jessica	Seated	5-7	Year Long	Tuesday	10:00 - 11:30	Discovery Center	Art I will be the beginning of your journey into the different mediums of art. We will learn different skills, style and techniques and how to apply them to the work we do in class. We will explore different types of sketching using pencils, charcoal and tools for shading. We will learn different artists known throughout the world from Picasso to Jackson Pollack and the different styles of their work and how to do them more simplified. We will learn about clay and the different types of tools that can be used to shape the clay, also; how to cut, store, and dry properly. Guest instructors from our community who have in-depth knowledge on specific genres will come in to teach and inspire. We will have fun projects with each passing Holiday that will allow you to have memories as you grow up to look back on. We will also learn different projects using household products that you most likely will always have at home, so you can learn to use what you have. To wrap up each semester and give the students a chance to experience our local art world there are plans for field trips to a community art center or a local craft show. This class will give your students the tools and inspiration to create and produce beautiful keepsakes.
Art II	Shea, Jessica	Seated	8-11	Year Long	Wednesday	10:00 - 11:30	Discovery Center	Come with me on a journey of exploring this next stage in art! We will continue to work on techniques of sketching and shading, painting and learning types of brushes and their unique uses. Here are a few examples of the different sections we will dive into throughout the year: creative art projects made using found items, household items and items found in nature, we will learn unique painting techniques, learn about specific artists, their work and styles, as well as a section on clay to create keepsakes and get our hands a little dirty. For some of the sections there will be a guest instructor from our local community to share their knowledge on a specific subject, for example I have a talented local ceramic artist coming in to help us with our section on clay! To wrap up each semester and give the students a chance to experience our local art world there are plans for field trips to a community art center or a local craft show. I hope to inspire your students creativity, passion and imagination throughout this course as well as give them the tools to do it!
Art III	Shea, Jessica	Seated	12-14	Year Long	Thursday	10:00 - 11:30	Discovery Center	Welcome to the world of art! In this class we will be spending larger spans of time on bigger projects. We will be learning the beauty of quilled paper art, the different techniques of folding and rolling the paper and even dive into the work of a renowned quilled paper artist: Yulia Brodskaya. We will spend time exploring the world of creating sculptures through paper mache and create art projects using found and household items. We will show gratitude for nature by using its beauty to create unique art pieces. We will not only create aesthetic pieces but also pieces that are functional, such as a planter or a small end table. To wrap up each semester and give the students a chance to experience our local art world there are plans for field trips to a community art center or a local craft show. This class will be challenging, fun and a bit messy but will also provide a creative environment for your child's imagination and passion for art to thrive.
Astro Camp	Isbell, Lauren	Seated	8-14	One Semester Course Offered 1st & 2nd Semester	Wednesday	12:00-1:30	Discovery Center	Broaden your horizons by looking for answers in space and the stars! Students will dive deeper into topics involving our own solar system and beyond with hands-on and kinesthetic lessons involving planets, stars, rockets, black holes, light, astronauts, and more. The class finale will be a writing project on constellation stories that will be shared at a campout under the stars.
Babysitting for Beginners	Wilson, Nicole	Seated	Beginner	One Semester Course Offered 1st & 2nd Semester	Wednesday	3:00-4:30	Discovery Center	Babysitting for Beginners is an introductory course into supplemental childcare. This course is intended for any responsible child who wants to learn how to take care of younger, less responsible children. Babysitting is not just a job; it's an art, a dance between families and childcare providers. The main focus will be teaching how to keep the babysitter and children in their care safe while, at the same time, having fun and enjoying each other's company! Key topics we will go over are food safety, CPR/first aid, business etiquette, infant care, boundary setting, basic childhood development, and age appropriate activities. My goal is that, at the end of this course, each babysitter will go out into the world with the knowledge they need to successfully build their babysitting business into whatever they can dream it to be.

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Beginner Build	Boersma, Matt	Seated	Beginner	Year Long	Monday	10:00 - 11:30	Discovery Center	Learn how to follow basic instructions, safely use simple hand tools, and learn how to assemble custom projects of all sorts.. Examples: Assembly of pre-made wooden structures (bird homes, wooden cars/trucks), other decorative items, some mechanical in nature, some electrical, and some basic engineering concepts used in the build process. It's all about a good variety of cool take home projects, and how building is fun.
Computer & Coding	Beutler, Ernie	Seated	Advanced	Year Long	Tuesday	12:00 - 1:30	Discovery Center	Learn the ins and outs of Computers. Discover what each component is and what they do. Order each part and ensure compatibility to build a new pc from the ground up. Choose the best operating system for your needs. Refresh on the basics and some necessary skills, such as Office and Spreadsheets. Ensure and stress the importance of the rules of internet safety and propriety. History and evolution of computers, from punch cards to A.I. and beyond, with a 50/50 focus on physical components and actual coding. We will code a text based game using Python. We will also begin to use Unity. Unity is a 2d/3d game engine used for everything from big budget triple-A 3d games to Hollywood Blockbuster special effects.
Cooking I	Boersma, Nichole	Seated	5-7	Year Long	Monday	1:30 - 3:00	Discovery Center	Each year our cooking classes follow a theme, in the past we've focused on basic food and physical safety, culture, etc... This year cooking classes will hone in basics and dive deeper into certain elements, types and styles of cooking. Each 4 week section of instruction will highlight the details of specific skills and will end with an exciting cooking competition that will allow the students to apply all that they have learned in the previous weeks. We will be covering everything from preparing and cooking meats, dough making (bread, pie & pizza crusts, tortillas) to ways to prepare and preserve vegetables, etc. There will be guest chefs from our local community who come in to teach speciality skills and knowledge on certain subjects, last year our guest chef did an entire week of Greek dishes! We plan to do some fundraising through bake sales and such, hoping to raise enough for a field trip for the students to a food capital close to us or a renowned Michigan restaurant. Goals for the end of the year vary by age group. Ages 5 to 7 : Safety in the kitchen, when to ask for help, gain independence, fun food facts, junk food/healthy foods. **Field trips will be discussed by both staff and parents and ultimately determined by cost, location, student input and a final class vote.
Cooking II	Boersma, Nichole	Seated	8-11	Year Long	Tuesday	1:30 - 3:00	Discovery Center	Each year our cooking classes follow a theme, in the past we've focused on basic food and physical safety, culture, etc... This year cooking classes will hone in basics and dive deeper into certain elements, types and styles of cooking. Each 4 week section of instruction will highlight the details of specific skills and will end with an exciting cooking competition that will allow the students to apply all that they have learned in the previous weeks. We will be covering everything from preparing and cooking meats, dough making (bread, pie & pizza crusts, tortillas) to ways to prepare and preserve vegetables, etc. There will be guest chefs from our local community who come in to teach speciality skills and knowledge on certain subjects, last year our guest chef did an entire week of Greek dishes! We plan to do some fundraising through bake sales and such, hoping to raise enough for a field trip for the students to a food capital close to us or a renowned Michigan restaurant. Goals for the end of the year vary by age group. Ages 8-11: Safety in the kitchen, when to ask for help, what they are able to do in the kitchen without help, food nutrition, cross contamination and food allergies. **Field trips will be discussed by both staff and parents and ultimately determined by cost, location, student input and a final class vote.

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Cooking III	Boersma, Nichole	Seated	12-14	Year Long	Tuesday	10:00 - 11:30	Discovery Center	Each year our cooking classes follow a theme, in the past we've focused on basic food and physical safety, culture, etc... This year cooking classes will hone in basics and dive deeper into certain elements, types and styles of cooking. Each 4 week section of instruction will highlight the details of specific skills and will end with an exciting cooking competition that will allow the students to apply all that they have learned in the previous weeks. We will be covering everything from preparing and cooking meats, dough making (bread, pie & pizza crusts, tortillas) to ways to prepare and preserve vegetables, etc. There will be guest chefs from our local community who come in to teach speciality skills and knowledge on certain subjects, last year our guest chef did an entire week of Greek dishes! We plan to do some fundraising through bake sales and such, hoping to raise enough for a field trip for the students to a food capital close to us or a renowned Michigan restaurant. Goals for the end of the year vary by age group. Ages 12 to 14 : Safety in the kitchen, prepare simple family meals, helpful and mindful grocery shoppers, food nutrition, cross contamination and food allergies. **Field trips will be discussed by both staff and parents and ultimately determined by cost, location, student input and a final class vote.
Cooking IIII	Boersma, Nichole	Seated	15+	Year Long	Monday	10:00 - 11:30	Discovery Center	Each year our cooking classes follow a theme, in the past we've focused on basic food and physical safety, culture, etc... This year cooking classes will hone in basics and dive deeper into certain elements, types and styles of cooking. Each 4 week section of instruction will highlight the details of specific skills and will end with an exciting cooking competition that will allow the students to apply all that they have learned in the previous weeks. We will be covering everything from preparing and cooking meats, dough making (bread, pie & pizza crusts, tortillas) to ways to prepare and preserve vegetables, etc. There will be guest chefs from our local community who come in to teach speciality skills and knowledge on certain subjects, last year our guest chef did an entire week of Greek dishes! We plan to do some fundraising through bake sales and such, hoping to raise enough for a field trip for the students to a food capital close to us or a renowned Michigan restaurant. Goals for the end of the year vary by age group. Ages 15 to 18 : Safety in the kitchen, budgeting for groceries, preparing family meals, knowledge of kitchen staples and their uses, independence in the kitchen/making meals for themselves, food nutrition, cross contamination and food allergies. **Field trips will be discussed by both staff and parents and ultimately determined by cost, location, student input and a class vote.
Digital Music	Boersma, Matt	Seated	8+	Year Long	Tuesday	10:00 - 11:30	Discovery Center	Time to make some insane beats, interesting melodies and harmonies, develop strange and cool sounds, or learn how to record an instrument or a some vocals with power music software/hardware. No previous musical understanding required! Familiarize yourself with equipment used in a modern studio, and how to use professional recording software. We will digitally interface with live instruments to record, use microphones, synthesizers, sequencers, sound modification tools, and more! Experience unique sound scapes, chilling effects, and intense waves of feel good audible vibrations. Explore your inner electro, or cut a track with the instruments you already know. Create your music the way you want with some of the best, most accessible ways to do it in modern times. It's all about grooves and fun.
Diorama Building & Mini Figure Painting	Beutler, Ernie	Seated	5+	Year Long	Thursday	1:30 - 3:00	Discovery Center	The goal here is to learn some creative tips and tricks for turning things around the house (and outdoors) into awesome, functional and displayable dioramas. We will also focus heavily on techniques in painting miniatures. From slapping paint on like a caveman to applying delicate layers with an airbrush. You will watch your abilities grow as each mini looks better than the last, until we have an impressive display to take home and share.

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Dungeons & Dragons I	Beutler, Ernie	Seated	Beginner	Year Long	Tuesday	10:00 - 11:30	Discovery Center	<p>This beginners course in Dungeons and Dragons 5th edition will introduce the fantasy world of Faerun and its game mechanics.</p> <p>We will focus on working socially as a team to solve problems, answer riddles, and conquer monsters in tactical combat. The students will begin by making their own unique characters and backstories.</p> <p>Our adventure begins on board a caravan of ships on the high seas, in search of a great treasure. Everything was going fine until the storm came...</p> <p>Now marooned on a strange uncharted island, the temptation of treasure and a life of riches has quickly changed to surviving long enough to escape.</p> <p>Students will benefit from basic levels of reading but will not require it.</p> <p>We will cover the actual history of D&D as well as some of the lore, and examine how real life has inspired the game over the years.</p>
Dungeons & Dragons II	Beutler, Ernie	Seated	Intermediate	Year Long	Wednesday	10:00 - 1:30	Discovery Center	<p>This course in Dungeons and Dragons 5th edition will take place in the fantasy world of Faerun.</p> <p>We will focus on working socially as a team to solve problems, answer riddles, and conquer monsters in tactical combat. The students will start by making their own unique characters and backstories.</p> <p>Our adventure begins on board a caravan of ships on the high seas, in search of a great treasure. Everything was going fine until the storm came...</p> <p>Now marooned on a strange uncharted island, the temptation of treasure and a life of riches has quickly changed to surviving long enough to escape.</p> <p>Students will benefit from basic understanding of Dungeons and Dragons but will not require it.</p> <p>We will cover the actual history of D&D as well as some of the lore, and examine how real life has inspired the game over the years.</p> <p>Students will utilize some basic reading, math, creative thinking, statistics, leadership, problem solving, roleplaying, acting, group dynamics, and public speaking skills.</p>
Dungeons & Dragons III	Beutler, Ernie	Seated	Advanced	Year Long	Thursday	10:00 - 1:30	Discovery Center	<p>This course in Dungeons and Dragons 5th edition will take place in the fantasy world of Faerun.</p> <p>We will focus on working socially as a team to solve problems, answer riddles, and conquer monsters in tactical combat. The students will start by making their own unique characters and backstories.</p> <p>Our adventure begins on board a caravan of ships on the high seas, in search of a great treasure. Everything was going fine until the storm came...</p> <p>Now marooned on a strange uncharted island, the temptation of treasure and a life of riches has quickly changed to surviving long enough to escape.</p> <p>Students will benefit from basic understanding of Dungeons and Dragons but will not require it.</p> <p>We will cover the actual history of D&D as well as some of the lore, and examine how real life has inspired the game over the years.</p> <p>Students will utilize some basic reading, math, creative thinking, statistics, leadership, problem solving, roleplaying, acting, group dynamics, and public speaking skills.</p>
Exploring Ecosystems I	Isbell, Lauren	Seated	5-7	One Semester Course Offered 1st & 2nd Semester	Tuesday	1:30-3:00	Discovery Center	<p>Students will explore several different ecosystems in the area including ponds, streams, trees, and fields. They will learn how living creatures are influenced by living and nonliving factors and how those factors influence the ecosystem over time. We will be using several instruments and tools to conduct biological, chemical, and physical tests at each location to draw conclusions. This class would be great for a student wanting to get outside and explore the natural world around them! The beginner class will be more focused on observations and exploration, while advanced class will dive deeper in chemical tests and career options.</p>

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Exploring Ecosystems II	Isbell, Lauren	Seated	8-14	One Semester Course Offered 1st & 2nd Semester	Wednesday	1:30-3:00	Discovery Center	Students will explore several different ecosystems in the area including ponds, streams, trees, and fields. They will learn how living creatures are influenced by living and nonliving factors and how those factors influence the ecosystem over time. We will be using several instruments and tools to conduct biological, chemical, and physical tests at each location to draw conclusions. This class would be great for a student wanting to get outside and explore the natural world around them! The beginner class will be more focused on observations and exploration, while advanced class will dive deeper in chemical tests and career options.
General Music	Tenharmal, Jake	Seated	5-7, Beginner	Year Long	Wednesday	10:00 - 11:30	Discovery Center	General music is a class for young students to be introduced to music. In this course students will learn about singing and rhythm as well as some basic music theory. Students will be playing games such as musical chairs and pin the note on the staff. Students will be watching some films like Fantasia and Peter and the wolf, and then asked to reflect on them. There will be coloring activities and books about famous composers like Young Mozart. There will also be some basic music history and "music appreciation" where students will learn about different styles of music as well as music from other countries and eras. The goal of this course is to develop a passion and general knowledge for music in all of its many forms and have fun doing so.
Gluten & Allergy Friendly Baking I	Beutler, Kristy	Seated	Beginner	Year Long	Wednesday	3:00-4:30	Discovery Center	This class will be an introduction to using gluten and allergy friendly ingredients to create delicious baked goods, both sweet and savory. Whether we are trying to re-create staple foods or sweet treats, we all have someone (maybe ourselves!) in our lives who will be able to benefit. I will also be doing comparisons between the prices of store-bought/from scratch.
Gluten & Allergy Friendly Baking II	Beutler, Kristy	Seated	Intermediate	Year Long	Wednesday	1:30-3:00	Discovery Center	This class will be testing our skills using gluten and allergy friendly ingredients to create delicious baked goods, both sweet and savory. There will be room for covering the basics, but this class is assuming some prior knowledge. Whether we are trying to re-create staple foods or sweet treats, we all have someone (maybe ourselves!) in our lives who will be able to benefit. I will also be doing comparisons between the prices of store-bought/from scratch.
Gluten & Allergy Friendly Baking III	Beutler, Kristy	Seated	Advanced	Year Long	Tuesday	3:00-4:30	Discovery Center	This class will be testing our skills using gluten and allergy friendly ingredients to create delicious baked goods. We will be doing more complicated things in this class with multiple steps, so this assumes prior knowledge of baking and the tools we will be using. Whether we are trying to re-create staple foods or sweet treats, we all have someone (maybe ourselves!) in our lives who will be able to benefit. I will also be doing comparisons between the prices of store-bought/from scratch.
Guitar & Ukulele	Hawkins, Michelle	Seated	Beginner	Year Long	** Self Directed Scheduling with instructor.	** Self Directed Scheduling with instructor.	Discovery Center	Music class aims to provide your son or daughter with a strong basic understanding of guitar or ukelele. I work with your students to provide a fun, child driven approach to music. We explore different genres and figure out what makes them excited to learn about music. I really enjoy the journey that a student takes with music. I also bring along a microphone and amp to allow the student to get the feel for what performing would be like. I want to encourage them to share their talents as they progress. I teach at a beginner level with any age child and can teach some intermediate lessons, but focus on the beginner and the introduction to learning how to play an instrument. Additional lessons will be scheduled with the student/parent around their other classes or schedule at the Discovery Center. I can be flexible and do different days or times depending on the needs of the families.

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Life Skills	Sajdak, Tanya	Life Skills	12+	Year Long	Thursday	12:00-1:30	Discovery Center	<p>In this class, young adults are taking a journey through real life with fantasy jobs, rent, bills and life stressors. Students will learn how to manage money, build a resume, job search and interview. Other life skills to be explored and practiced include cooking, laundry, fixing a flat tire, talking to your boss, negotiating the price of a new car, and healthy use of social media. Group discussions and experiences create a fun and engaging way to learn about life. Other topics to be discussed based on student's needs. Students will be learning by frequent visits by guest speakers. Students need to be able to read, write, and reason at an upper middle school level or higher. Recommended for students aged 12 and older since frequent reading and writing will be required in this course.</p> <p>Here is some additional information if you need it....In this class, students will:</p> <ol style="list-style-type: none"> 1. Achieve an understanding of healthy sleep, prepare healthy meals, and participate in physical activities. 2. Practice journaling, stress management techniques of breathing and positive affirmations. 3. Be introduced to healthy boundaries, practice good communication and self awareness. 4. Learn organizational techniques and recognize personal strengths. 5. Learn and practice money management and budgeting and time management skills.
Little Stem Workshop	Shebby, Theresa	Seated	5-10	Year Long	Thursday	12:00-1:30	Discovery Center	<p>Combining both classroom based projects and individual lesson and project exploration, the STEM center will focus on integrating the four disciplines of science, technology, engineering and mathematics by exploring real world applications. The early concepts of the course are fun. Designed to engage the student and pique their interest for more. As the course continues, students will become aware of STEM based fields and occupations; the WHY we are learning these disciplines that many students often ask! Students will work to enhance their problem solving techniques and critical thinking skills by working through the dynamic lessons and materials available in the center.</p>
Martial Arts	Choszczyk, Dan	Seated	5+ Beginner	Year Long	Tuesday	1:30-3:00	Discovery Center	<p>This class will teach students non-traditional practical self defense. Students will learn to work and practice skills and techniques of self defense. They will practice learning to fall, roll and land to practice safe and effective movements. They will be given real life tools to ensure safety and appropriate reactions to conflict.</p> <p>In this class, students will:</p> <ol style="list-style-type: none"> 1. Achieve body awareness, improve motor skills, balance and flexibility. 2. Practice falling, rolling and landing skills to prevent injury. 3. Be introduced to threat assessment, verbalizations and self awareness. 4. Learn techniques to control, incapacitate, disarm and escape. 5. Work and practice skills and techniques with instructor and students in class.
Martial Arts I	Choszczyk, Dan	Seated	5-7	Year Long	Tuesday	12:00-1:30	Discovery Center	<p>This class will teach students non-traditional practical self defense. Students will learn to work and practice skills and techniques of self defense. They will practice learning to fall, roll and land to practice safe and effective movements. They will be given real life tools to ensure safety and appropriate reactions to conflict.</p> <p>In this class, students will:</p> <ol style="list-style-type: none"> 1. Achieve body awareness, improve motor skills, balance and flexibility. 2. Practice falling, rolling and landing skills to prevent injury. 3. Be introduced to threat assessment, verbalizations and self awareness. 4. Learn techniques to control, incapacitate, disarm and escape. 5. Work and practice skills and techniques with instructor and students in class.

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Martial Arts II	Choszczyk, Dan	Seated	8-11	Year Long	Tuesday	10:00-11:30	Discovery Center	<p>This class will teach students non-traditional practical self defense. Students will learn to work and practice skills and techniques of self defense. They will practice learning to fall, roll and land to practice safe and effective movements. They will be given real life tools to ensure safety and appropriate reactions to conflict.</p> <p>In this class, students will:</p> <ol style="list-style-type: none"> 1. Achieve body awareness, improve motor skills, balance and flexibility. 2. Practice falling, rolling and landing skills to prevent injury. 3. Be introduced to threat assessment, verbalizations and self awareness. 4. Learn techniques to control, incapacitate, disarm and escape. 5. Work and practice skills and techniques with instructor and students in class.
Martial Arts III	Choszczyk, Dan	Seated	12+	Year Long	Tuesday	3:00-4:30	Discovery Center	<p>This class will teach students non-traditional practical self defense. Students will learn to work and practice skills and techniques of self defense. They will practice learning to fall, roll and land to practice safe and effective movements. They will be given real life tools to ensure safety and appropriate reactions to conflict.</p> <p>In this class, students will:</p> <ol style="list-style-type: none"> 1. Achieve body awareness, improve motor skills, balance and flexibility. 2. Practice falling, rolling and landing skills to prevent injury. 3. Be introduced to threat assessment, verbalizations and self awareness. 4. Learn techniques to control, incapacitate, disarm and escape. 5. Work and practice skills and techniques with instructor and students in class.
Mountain Biking & Bike Maintenance	Kosachuk, Brandyn	Seated	12+	Semester One Only	Thursday	1:30-3:00	Discovery Center	<p>Learn the basics of mountain biking and bike maintenance! Students will have the opportunity to ride their bikes with structure and instruction giving them the opportunity to go farther, faster and safer. Along with safe mountain bike tips, students will learn how to maintain their bikes: adjusting derailleurs, checking chains, changing brake pads, truing wheels, and much more! By the end of this class students should feel comfortable riding trails and hitting features alone--with the ease of mind that they can fix any problem they might have while they're out there. The beginning of the class will focus on riding and riding skills. As time goes on, there will be a transition (with the weather) into bike shop skills and preventative maintenance. Students should have their own bike--doesn't have to be fancy. Ride what ya bring!</p> <p>Infrastructure purchases:</p> <p>Bike repair stand: \$150</p> <p>Park tool Y Wrench (Torx): \$11</p> <p>Park Tool 3 Way Socket: \$15</p> <p>P handle Hex set: \$75.00</p> <p>15mm wrench: \$5</p> <p>Adjustable wrench: \$10</p> <p>Total Around \$300</p> <p>**Prices reflect full retail. It may be possible for me to put together a tool set for less.**</p> <p>Tools would be used to teach kids how to wrench on their bikes.</p>

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Music Appreciation	Tenharmsal, Jake	Seated	8+ Intermediate, Advanced	Year Long	Tuesday	10:00 - 11:30	Discovery Center	This course will revolve primarily around western music history. Students will learn about the earliest types of documented music on to baroque, (J.S. Bach) Classical, (Mozart) Romantic, (Chopin) Contemporary, (Copland) and modern symphonic music (Williams and Elfman). Once we get into the 1900's we will learn about the different styles of music that have developed in each decade including Rag time, Jazz, Doo-wop, Country western, Swing, Rock and Roll, Blues, Pop, Grunge, EDM and more. We will also have a section that includes world music (Afro rhythm, Latin, Asian etc.) as well as a section on different ensembles (String quartet, choral, symphony, solo, etc.) The primary goal of this course is to develop an in-depth understanding of music and how the sounds of our past have influenced the music we enjoy today. We will be listening to a lot of music and reflecting on its contribution to the history of musical expression.
Nature & Survival I	Rajdl, Brian	Seated	5-7	Year Long	Monday	12:00 - 1:30	Discovery Center	Our culture places little value on knowing our place and understanding the natural world around us. We have become tourists in our own backyards. This class will seek to reconnect students and immerse them in the natural world around them, and open their eyes to the intricate balance and diversity of ecosystems. Instruction will utilize; games, stories, movement, research, and hands-on immersion to learn about topics such as plants, trees, birds, soils, rocks, wilderness survival, field sketching, and nature immersion. In this class, students will: 1. Learn the language of the Natural World. 2. Use Field Guides to identify the living and non-living environment. 3. Keep a nature journal of their discoveries. 4. Better use their 5 senses to experience the world around them. 5. Practice survival skills including shelter, fire, water, tools, food, and staying found.
Nature & Survival II	Rajdl, Brian	Seated	8+	Year Long	Thursday	3:00 - 4:30	Discovery Center	Our culture places little value on knowing our place and understanding the natural world around us. We have become tourists in our own backyards. This class will seek to reconnect students and immerse them in the natural world around them, and open their eyes to the intricate balance and diversity of ecosystems. Instruction will utilize; games, stories, movement, research, and hands-on immersion to learn about topics such as plants, trees, birds, soils, rocks, wilderness survival, field sketching, and nature immersion. In this class, students will: 1. Learn the language of the Natural World. 2. Use Field Guides to identify the living and non-living environment. 3. Keep a nature journal of their discoveries. 4. Better use their 5 senses to experience the world around them. 5. Practice survival skills including shelter, fire, water, tools, food, and staying found.
Open Art	Beutler, Kristy	Seated	5+	Year Long	Thursday	3:00-4:30	Discovery Center	In previous years, it has come to my attention that the things the kids want to do in my art classes varies greatly, and they like to make the decisions day to day for themselves. My goal for this session would be to have materials on hand at any given time for them to put to use, and to be there to walk them through anything they need my help with. I think this will be the most productive use of our supplies in the art room, because the kids are most creative when they are making the art that gets them excited and makes them happy.
Photography	Buoniconti, Sergio	Photography	12+ Beginner, Intermediate	Year Long	Monday & Tuesday	12:00-1:30	Discovery Center	This two day a week class will explore the basic mechanical techniques and artistic methods involved in creating photographs, as well as more advanced techniques used to create artistic images. Using a combination of In-Class Workshops, Lecture, Guest Speakers, and Field Trips, students will learn how to use a camera, concepts of composition, lighting use and management, digital editing, and portfolio creation. Using these techniques students will be encouraged to create a photo project based on their personal passions and interests in the art. This class is appropriate for both beginners to the art and students who have experience and knowledge already. Students are encouraged to have their own cameras, however they will have access to a basic DSLR at the Center and during field trips.

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Course Name	Instructor	Optional Learning Experience (OLE)	Age Range / Skill Level	Term	Day	Time	Provider	Course Summary
Piano	Tenharmsal, Jake	Seated	5+	Year Long	** Self Directed Scheduling with instructor.	** Self Directed Scheduling with instructor.	Discovery Center	Learn to play the piano from very basic to advanced for all ages and skill levels. Lessons will include but are not limited to: Learning scales, songs, finger exercises, music theory, method, technique, and sight reading sheet music. Classes will be held once a week for half an hour on Tuesday or Wednesday.
Rock Climbing	Rajdl, Brian	Seated	Beginner, Intermediate, Advanced	Year Long	Friday	Morning TBD	Discovery Center & SDC	Learn the art of vertical movement on rock by a certified American Mountain Guide Association certified Single Pitch Instructor and rock and ice climbing guide.. This course will include online and classroom instruction, with actual climbing at the MTU SDC climbing wall, Discovery Center climbing wall, and outdoors at Cliff Drive and Silver Mountain climbing areas. Learn the history of the sport, as well as the gear involved and the most up to date safety practices, along with the techniques to move efficiently on vertical terrain. The times for this class are still TBD but will be Friday morning early afternoon, and some optional weekend day-long climbing adventures as weather permits.
Sewing I	Shebby, Theresa	Seated	Beginner	Year Long	Tuesday	3:00-4:30	Discovery Center	Class Description: Beginning Sewing will be an early introduction into the skills of sewing. We will be working through the tools, definitions and techniques with a progression of fun projects. The majority of the projects will be hand sewn items. Students will also be introduced to machine sewing basics with assistance. In this class, students will: 1. Become confident in the safe use of basic sewing supplies. 2. Learn to identify and use many common sewing supplies to improve the efficiency and quality of finished projects. 3. Progress through sewing projects that will build fundamental skills, confidence, and a love of sewing. 4. Encourage students to select a completed project to be entered into the County Fair.
Sewing II	Shebby, Theresa	Seated	Intermediate	Year Long	Tuesday	12:00-1:30	Discovery Center	Intermediate sewing students will work through a series of projects to build fundamental skills, confidence, and a love of sewing. The majority of the class projects will be completed on a sewing machine with partial assistance when needed. Some examples of potential projects are: library tote, market tote, pillow case, sleep mask, bedside stuff keeper, notebook and pencil holder, beanbag stuffies, bowl cozy, apron, quilt block, hot pads, and many more options I am exploring! Class projects will be adjusted as needed for students that have taken intermediate sewing and are taking it again. In this class, students will: 1. Become confident in the safe operation and basic care of sewing machines. 2. Learn to identify and use many common sewing supplies to improve the efficiency and quality of finished projects. 3. Progress through sewing projects that will build fundamental skills, confidence, and a love of sewing. 4. Encourage students to select a completed project to be entered into the County Fair.
Sewing III	Shebby, Theresa	Seated	Advanced	Year Long	Wednesday	12:00-1:30	Discovery Center	Advanced Sewing students will work through a series of sewing projects to build a library of skills that can be applied to future projects even after the course has been completed. Each project will be completed on a sewing machine with minimal physical assistance from the instructor. The goal of this class is for each student to build confidence to be able to relatively independently work through a project of their choice! Some examples of potential projects for this course are: bedside stuff holder, snuggie tail, knit shirt, quilt block hot pads, notebook and pencil holder, sunglasses or camera case, PJ pants, stuffed animal or doll, sleep mask, bowl cozie, wallet, and many other possibilities that are being explored!
Sewing Open Studio	Shebby, Theresa	Seated	5+	Year Long	Wednesday	1:30-3:00	Discovery Center	Open studio sewing course is designed to support the budding sewist as they navigate through the concept, design, material selection, pattern research, and construction of student chosen items! Students should have already completed at least one year of intermediate/advanced sewing classes and be able to independently read a pattern. Students will have access to a variety of sewing machines as well as sergers for the completion of their projects. (Student must have already completed at least one sewing class prior to enrolling for this course.)

CLK VIRTUAL PROGRAMS

2020 - 2021 Course Catalogue



Course Name	Instructor	Optional Learning Expericene (OLE)	Age Range / Skill Level	Term	Day	Time	Provider	Course Summary
Swimming	Rajdl, Brian	Seated	Beginner, Intermediate, Advanced	Year Long	Friday	Afternoon TBD	Discovery Center Offsite: SDC	Swimming is an essential life skill for living in the Keweenaw. Swimming class is divided into 4 ability groups based on skill. Each ability group will progress their stroke mechanics, endurance, and comfort in the water over the course of the year. Games and skill drills are used to reinforce concepts taught in class. Parents can use the class pool time to brush up on their own skills and/or swim with their children.
World Cultures	Sajdak, Tanya & Gill, Ruth	World Cultures	8-14	Year Long	Wednesday	10:00-11:30	Discovery Center	We will be thinking about what human culture is, how it is affected by our history and geography, and how it is manifested differently in different parts of the world. Students will be experiencing different cultures through: frequent visits by guest speakers; connecting with overseas penpals to learn how young people in other countries live; taking virtual trips to other countries using Virtual Reality technology; learning basic foreign language skills; being exposed to a range of arts from around the world (music, dance, fine and applied arts, fashion and traditional costumes, architecture, etc.); and (this is a highlight!) enjoying foods from around the world. Students need to be able to read, write, and reason at an upper elementary level or higher. Recommended for students aged 10 and older.