

Spring 2019 LIGHT Course Catalog

Class size is limited and classes will be filled on a first come-first served basis. Students will need to choose classes within their level.

Cohort A

First Hour Block

Economics, Statistics and Entrepreneurship: Starting a Business

Instr: Dayna Druke

Cost: \$15

Desc: Move over, lemonade stands! We are going to dive into entrepreneurship by starting our own “brick and mortar” and online businesses! We will learn basic economics, statistics, finance, record keeping, accounting, and problem solving by starting our own class businesses. Approximate homework: 1-2 hours per week.

Party Planning

Instr: Nikki Mancini

Cost: \$20

Desc: Join us as we learn and practice how to plan a great event. We will learn tips about the etiquette of being a good host, decor and food tips and more. We will also plan and host the end of year celebration!

Career Explorations

Instr: Jennifer Whitten

Cost:\$3

Desc: We will explore careers and learn more about what people do everyday!! We'll have a different visitor each week in various career fields to come and teach us about how they chose their career field, what type of education is needed, and what their job looks like everyday!

Second Hour Block

Chemistry

Instr: Rosa Aristy

Cost: \$15 (unless you have already paid for the year in full)

Desc: What happens when solids, liquids, and gases are heated and cooled? Why is one substance more or less dense than another? What causes certain substances to dissolve in water? What happens when a chemical reaction takes place? These questions and many more are explored in Middle School Chemistry through inquiry-based experiments that cover basic chemistry concepts along with the process of scientific investigation.

Calligraphy

Instr: Crystal Hays

Cost: \$7

Desc: Learn the basics of italic and gothic style calligraphy.

Brush Drawing

Instr: Kim Pina

Cost: \$8

Desc: Brush Drawing is a visual arts method of painting that's been used by artists throughout the generations. In our Brush Drawing class, students will learn basic techniques in drawing with a brush using watercolors using objects in nature and in everyday life as drawing/painting models. The class will focus on teaching how to draw shapes and patterns, manage shades of watercolors and hold brushes correctly. Artist biographies will also be included.

Third Hour Block

Choir

Instr: Dana Zawada and Ely Butuyan

Cost: \$4

Desc: "The only thing better than singing is more singing." We will be warming up each class with rounds, and learning choral songs from classic hymns to show tunes and everything in between. This is a double class so expect more students than a typical class.

ASL

Instr: Wendy Walker

Cost: \$2

Desc: In this class, your student will be introduced to the manual alphabet, numbers, colors and other basic words used in everyday life. Lessons will come from Signing Naturally, but it is not required for the class. If you want to purchase the book be sure to order one with the DVD included. You may also wish to purchase a 3-ring binder to keep the weekly handouts organized and on hand for review.

Available ALL Blocks: Students in grades 7 and up are eligible to apply to be a teacher's helper during any block. Teacher's helpers will be placed in the toddler and prek/kinder classes. Placement as a teacher's helper is subject to approval and will only be given to one student per hour per class. Additionally, a student may only be placed as a student helper once during the enrichment day.

Cohort B

First Hour Block

Party Planning

Instr: Nikki Mancini

Cost: \$20

Desc: Join us as we learn and practice how to plan a great event. We will learn tips about the etiquette of being a good host, decor and food tips and more. We will also plan and host the end of year celebration!

Pirate History

Instr: Michelle Allen

Cost: \$10

Desc: We will take a step back in time to the Age of Piracy and look beyond the myths about pirates to discover what really happened on the high seas. We will learn about famous pirates like Blackbeard, Jean Lafitte, Anne Bonny, Captain Kidd, and many others. Each week we will look at a different aspect of piracy, including: weapons, flags, ships, maps, navigational tools, and shipboard life. Homework not to exceed half hour per week in the form of outside readings.

Career Explorations

Instr: Jennifer Whitten

Cost:\$3

Desc: We will explore careers and learn more about what people do everyday!! We'll have a different visitor each week in various career fields to come and teach us about how they chose their career field, what type of education is needed, and what their job looks like everyday!

Second Hour Block

Junk Drawer Robotics: Give Robots a Hand

Instr: Valerie Pearson

Cost: \$28 (covers two semesters)

Desc: *Junk Drawer Robotics* emphasizes different aspects of robotics while youth build their own robots and develop robotics knowledge and skills. Students will explore the design and function of robotic arms, hands and grippers and build a robotic arm that really moves! Students will be challenged to build robots from everyday items.

Calligraphy

Instr: Crystal Hays

Cost: \$7

Desc: Learn the basics of italic and gothic style calligraphy.

Brush Drawing

Instr: Kim Pina

Cost: \$8

Desc: Brush Drawing is a visual arts method of painting that's been used by artists throughout the generations. In our Brush Drawing class, students will learn basic techniques in drawing with a brush using watercolors using objects in nature and in everyday life as drawing/painting models. The class will focus on teaching how to draw shapes and patterns, manage shades of watercolors and hold brushes correctly. Artist biographies will also be included.

Third Hour Block

Choir

Instr: Dana Zawada and Ely Butuyan

Cost: \$4

Desc: "The only thing better than singing is more singing." We will be warming up each class with rounds, and learning choral songs from classic hymns to show tunes and everything in between. This is a double class so expect more students than a typical class.

Marine Biology

Instr: Tara Green

Cost: \$10

Desc: Join me as we dive into the ocean learning about some of the smallest and largest of God's creations. We will do some experiments and interactive learning as we explore the largest part of our earth, the ocean. Marine biology is all about ocean life! As a class, we will discuss and observe various animals and learn fascinating discoveries about the deep blue sea.

Cohort C

First Hour Block

Marine Biology

Instr: Tara Green

Cost: \$10

Desc: Join me as we dive into the ocean learning about some of the smallest and largest of God's creations. We will do some experiments and interactive learning as we explore the largest part of our earth, the ocean. Marine biology is all about ocean life! As a class, we will discuss and observe various animals and learn fascinating discoveries about the deep blue sea.

Exploring the Masters

Instr: Tricia Zmrhal

Cost: \$15

Desc: Students will learn about a master of the art world and then create their own pieces in response to their learning.

Second Hour Block

Eat Around the World

Instr: Michelle Allen

Cost: \$20

Desc: Grab your foodie passports as we set off on a journey around the world in ten weeks! Combining geography and cooking, each week we will “visit” another country and learn about its land, culture, and food while we prepare a representative dish. Our travels will take us to South America, Asia, Europe, Africa, and Oceania. This class may not be suitable for students with food allergies due to the use of common allergens and the possibility of cross-contamination.

Math Games

Instr: Corinna Fuller

Cost: \$10

Desc: Each week we will play a variety of math board games and card games to practice and reinforce elementary math skills, problem solving, and strategic thinking. We will also model how to win and lose graciously! Games may include: Mathological liar (error correcting), Clumsy Thief (Strategy and addition), Sums in space (addition and subtraction), Set (Visual perception, speed), Math Noodlers (addition, subtraction, multiplication, decimals, measurement, graphing, money, and time), Yam Slam (chance and strategic choices), Quirkle (color and shape recognition, math strategy and problem solving), and Math War (multiplication)

Third Hour Block

Scratch Coding

Instr: Mark Allen

Cost: \$12

Desc: This class will provide an introduction to coding with a visual programming language called Scratch. Your student(s) should be able to read and write and find letters on a laptop keyboard to get the most out of this class. Additionally, students will need to bring a laptop to class each week to complete the projects we will work on. Some of the things we will work on include creating games, creating interactive stories, making greeting cards, playable musical instruments on the computer and more. Other teacher notes: I have found that in the past many students enjoy Scratch so much they want to practice at home and I encourage this if you want to permit extra electronics time. Additionally, students will need to bring their own laptops to class every week. I

will send out specific instructions to parents on how to prep laptops prior to class and we will spend some class time on our first day working through installation issues.

Be the Vet

Instr: Kaci Shashack

Cost: \$10

Desc: Do you like dogs and cats? Have you ever thought about being a veterinarian? Join us as we learn about how to care for these animals and test your veterinary knowledge!

**** The following Cohorts will not choose classes. The descriptions below serve merely as information. The cost indicated is for all three classes and for the provided snack all semester. ****

Cohort D

Fee \$20

First Hour Block

Musical Explorers

Instr: Annette Honeycutt

Desc: We will be using Maestro Classics this semester to explore music & story! Here are some of the composers we will encounter: Tchaikovsky, Saint-Saens, Prokofiev, & Handel- just to name a few. All of the music we will be listening to will be set to a story such as: Peter & the Wolf, Nutcracker Mike Mulligan & the Steam Shovel & many more! We will learn about the composer, their music & just have a lot of fun! If you'd like to know more about Maestro Classics you can look them up on www.MaestroClassics.com. No extra supplies are needed for this class, however, I may set up a "tea time" while we listen. I'll send notices out as that happens.

Second Hour Block

Butterflies and Bugs

Instr: Jen Watson

Desc: This class will teach students about common insects including ladybugs, bees, and butterflies. We will have insect-related snacks and crafts. We may even get to observe some live insects!

Third Hour Block

Beginning Public Speaking — Show and Tell

Instr: Jennifer Whitten

Desc: We will learn all about public speaking by using things we bring from home to “show and tell!” Each week will be a different topic for our speech. Your child will need to gather pictures (printed or magazine cut-outs) and other objects pertaining to the given topic to bring to class and “Show” while they present their speeches to their teachers and classmates. We will also be learning techniques for public speaking: using a strong voice, being a respectful audience, using complete sentences while speaking, etc. Parents, this class will definitely involve YOUR participation to help your child gather the items and be prepared to present their speeches.

Cohort E

Fee \$20

First Hour Block

Fine Motor Skills in Action

Instr: Mairim Maya

Desc: Let’s put our little muscles to work! We will practice: scissor cutting, glue dotting, line tracing, button/bead threading, holding writing utensils, dot-dot coloring, while learning with fun songs, and a book at hand. We look forward on having your munchkin on board in this year-round fun!

Second Hour Block

Phonics

Instr: Christy Day

Desc: In this year long class, our preschool students will be introduced to all 26 letters and their sounds. Through stories, worksheets, crafts, games and the occasional food art, we'll focus on recognizing upper and lower-case letters, try our hand at sounding them out and with a little luck, get them writing their full names by the end of the year!

Third Hour Block

Playground/Centers

Cohort F

Fee \$20

First Hour Block

Fun with Numbers

Instr: Laura Rathbun

Desc: Join us as we journey through God's word. Each week we will read a Bible story, learn a fun song and complete a craft or activity to enrich our learning.

Second Hour Block

Playground/Centers

Third Hour Block

Bible Story Time

Cohort G

Fee \$20

First Hour Block

Playground/Centers

Second Hour Block

Journey Through the New Testament

Instr: Maria Velez

Desc: Join us as we journey through God's word. Each week we will read a Bible story, learn a fun song and complete a craft or activity to enrich our learning.

Third Hour Block

Play Time/Explore Time