

LOL

Introducing *New* Classes for 2017-18

Language Arts

Book Cooks (6-8 or 7-9)

Jennifer Deming

Are you ready to cook up some fun? Each week we will read a book (or more) together, then follow a recipe to create a snack that relates to the book. When time permits, we'll work on a few other basic reading skills. I hope you'll join us while we enjoy great books, delicious snacks, and good times together.

For the Love of Books (11-13)

Jennifer Deming

Book lovers of the world, unite! Love to read? This is the class you've been waiting for. We will read our way through novels, cookbooks, short stories, poems, and more. This immersive class not only lets you talk about what you've read, but also helps you to experience the stories in a unique way. We will cook foods that relate to the stories (and enjoy our creations), create and play games that are relevant to the literature, create and decipher secret codes, and more. Homework will consist primarily of reading.

Writer's Help Workshop 12-14

Charity Kuzuhara (Smith)

This class provides students with assistance on their written assignments and is ideal for students who struggle with getting started or just need some guidance. Class size will be kept small so that each student has the opportunity for individualized attention.

Intermediate Literature and Writing 15+

Teacher: Sarah Skeggs

Outside Work: Significant

Book Purchase: Required

Prerequisites: Teacher recommendation and at least one year of Literature and Writing 14+

This course is designed for students who are becoming more advanced in the study of English. This class provides a college preparatory level of study equivalent to junior and senior level English. Students will engage in an in-depth survey of challenging texts from different periods of literature. They will develop higher level analytical skills and will further their understanding of literary elements. This course will introduce students to a variety of genres and modes of literature. Writing instruction will focus on enhancing coherence, unity, and depth of analysis in addition to writing in multiple modes. Students will research literary criticism and learn to integrate secondary sources. Teacher recommendation is required.

Speech and Debate

Charity Kuzuhara (Smith)

Outside work: Moderate

Students will learn to write and present persuasive, informative, extemporaneous and humorous or dramatic speeches focusing on their language, voice, gestures, and organization. Students will also learn debating skills through a variety of assignments both prepared and impromptu.

The Leaf Press 14+

Alyssa Brandt

In this class, students will learn writing skills, and then they will put these skills to use while reporting, copywriting, editing and proofreading LOL's school newspaper, The Leaf Press. In addition, they will generate visual images, layout the copy and images, and then publish and distribute the newspaper. We will focus on writing in a journalistic style. This will include learning to choose the correct and concise word for greatest impact, placing modifiers carefully, using action verbs and active sentences, eliminating redundancies, and avoiding clichés. Students will learn how to research, how to interview, how to write headlines and cutlines, how to report accurately and objectively, how to write creative and captivating leads, how to handle direct and indirect quotes, and how to organize a story.

LOL News Team 12-14

Cassie Murray

LOL News Team 14+

Alyssa Brandt

Are you a budding writing, photographer, or videographer? Do you love reading the news? Creative students with an interest in journalism are encouraged to join our LOL News Team! We will study news writing, photography, interview skills, and social media in order to produce the LOL News. Topics covered will include finding credible sources, thinking critically about the news, internet safety, and the fundamental skills of journalism. We'll work together as a team to become more informed, empathetic and engaged with our LOL community and we'll highlight all of the amazing events, classes, special projects, students and teachers, and day-to-day culture at Leaves! Publishing opportunities include producing writing, photography, and short videos for the LOL News Facebook and Instagram pages. Although meeting in separate class times, the 12 - 14 class and the 15+ class will collaborate to produce the news.

Miscellaneous

Fantastic Farms 6-8

Teacher : Julie Doughty

Outside work: Minimal

What comes from farms? Learn about different kinds of farms and the plants and animals that live on them. Plant some seeds, meet some animal friends who help make our food and clothes, and find out how things are grown and raised on a farm. Through stories, visitors, and lots of hands on activities we'll learn about the amazing journeys many of our things take from the dirt to our houses.

Fantastic Farms 9-11

Julie Doughty

What do you imagine when you hear the word "farm?" A field of corn? A barn full of animals? Sure farms give us foods like milk and vegetables, but you might be surprised what else comes from a farm. Through art, cooking, stories, experiments, hands on projects, and special visitors, we'll explore the many products that come from different types of farms locally and around the world.

Minimal homework for some projects

Fantastic Farms 12-14 & 14+

Teacher : Julie Doughty

Outside work: Minimal

What is "agriculture"? 1,000 acres of wheat in Kansas? A coffee plantation in South America? An Ohio dairy farm? The local farmer's market? All this and more. In this class we'll explore the origins of food, clothing and many other products we use every day and follow their paths from the dirt to our hands. Plant, harvest, cook, experiment, read, write, produce art and enjoy visits from local farm residents - maybe even people - as we learn about the everyday and perhaps surprising impact agriculture has on our lives and world.

Tumbling 8-10

Dan Vickers

This class introduces students to basic tumbling skills. Students will strengthen muscles, improve flexibility, gain coordination and build confidence. Forward and backward rolls, handstands, cartwheels and more! No tumbling experience is required.

Science

Ew! Gross! Cool! Anatomy

9-12

Teacher Jennifer Deming

Welcome to the gooey, gross, glorious world of the human body! Why do we burp? Why do farts smell? How much snot do I make when I'm sick? What's up with ear wax? Why does my throat hurt? Have you ever wondered about some of the gross goings on in your body? Then this is the class for you. Join us as we learn about the 'hows and whys' of our bodies. This class will be interactive, full of experiments and odd information. Let's have some fun getting grossed out.

Challenge Accepted! 9-11, 11-13

Diana Mattson

Students will work together in groups to complete a different exciting challenge each week. Each challenge will reinforce problem solving and critical thinking skills. As students get involved in the discovery process, science concepts will be introduced and reinforced. Each challenge will end with a real world research question (an extension of what they discovered and learned).

Astrophysics 15+

Tiffany Roark

Bridges, Boats, and Boxes

6-8

Jennifer Deming

Get ready for a building bonanza! This class is all hands-on, all the time. Physics, aerodynamics, and fluid dynamics are just a few of the concepts we will explore. Join us as we experiment and build boats, bridges, buildings, flying machines, and more!

Junior Robotics 8-10

Tiffany Roark

Use robotics to bring science, technology, engineering, and mathematics to life!

Students will be guided step-by-step through the building and programming of robot behavior. They follow up their prototype work with a robotics investigation in which the students experiment with the robot's motors, sensors, and programming to learn how robots really work.

CSI Investigations 7-9, 9-12

Julie Klettke

Welcome to the world of detectives and forensic scientists—crime solving, case-breaking, crook catching activities for kids! Studying forensic science allows students to practice skills such as the scientific method, scientific research and experimentation, critical thinking, making observations, analyzing facts, and drawing conclusions by using circumstances that model real-life events.

Math

Math Magicians

Jennifer Deming

Outside work: Minimal

Enter the amazing world of math! In this dynamic hands-on course, we will use math in diverse and fascinating ways. Get ready to:

- Create mind-boggling tricks and crafts.
- Open a class business.
- Sharpen your detective skills and solve mysteries.
- Solve puzzles and play games
- Create gifts and games
- Work on classroom improvement projects. Prepare to be amazed at what math can do for you!

Crafty Math 7-9, 10-12

Elizabeth Tillis-Gilland

Get ready to cut, glue, paint, thread, draw and more as students investigate math concepts through their creativity. Class projects will delve into many aspects of math: shapes, measurement, number sense, symmetry, patterns, statistics and more! This class is for Makers who are excited to combine their love of crafting with math explorations. Let's get crafting mathematically!

Money Madness 8-10

Elizabeth Tillis-Gilland

This class is designed to help young students explore economics and personal finance in ways that are exciting and meaningful to them. We'll explore these concepts using children's literature and lots and lots of hands-on projects and activities We'll find out how money works, design our own currency, learn how to be a smart consumer and much, much ore. Each student will apply and interview for a classroom job. Students will learn what is involved in making a product, and the class will run its own small business.

Money Makers 11-13

Elizabeth Tillis-Gilland

Economics comes alive through hands-on activities, simulations, a mini class economy, and a class business. Students explore seemingly complex concepts in easy-to-understand and exciting ways. We will design our own currency, use play dough (truly!), participate in a stock market simulation, build paper airplanes, and more. Each student will apply and interview for a classroom job. Students will learn what is involved in making a product, and the class will run its own small business. Students will have many opportunities to put their creativity and problem solving skills into action.

Problem Solving Lab 11-13

Elizabeth Tillis-Gilland

It's easy to feel a bit confused or even overwhelmed by math "word problems", but in this class students will be engaged in solving real life math investigations and mind bender puzzles in an encouraging and co-operative setting. Investigations include "Candy Boxes", "Risky Allowance", "Your Height in Money", "Popcorn Problem", "Prison Problem", "Colorful Maps", "Knights in Armor", "Muffin Mania", "Talking Turkey", "The Better Box", "Candy Conundrum", "Counting Counts!", "Measuring Up", "Walk for the Paws", and many more!

We'll learn more about each student's own learning style and explore multiple ways to solve problems. Students will learn a variety of problem solving strategies. Different problems require different approaches, so we'll analyze the strengths of various strategies in a given situation to determine the best one(s) for the job. Students will work through the problem solving process (Understand, Plan, Solve, Check) and communicate their findings verbally and through writing and pictures.

Story Book Math 6-8

Elizabeth Tillis-Gilland

This is a class in which children's literature and mathematics connect! Developing mathematical understanding occurs naturally when children use math in connections with things they already know. Students of all reading abilities and mathematical understanding will feel comfortable and successful as we work together to explore a variety of mathematical concepts. We'll be reading many picture books filled with mathematical ideas and great stories! Students will put on their thinking caps and participate in hands-on mathematics activities related to the stories.

History and Social Studies

Advanced Psychology 16+

Sarah Skeggs

Homework: Moderate

This course is designed for students who have taken introductory psychology and wish to advance their study of social, developmental, and experimental psychology. Students will become familiar with developmental psychology: they will reflect upon, observe, and analyze different models of development in relation to self and others. This class will impart an in-depth study of social psychology, building upon foundational knowledge from the introductory class. In addition, the course will provide an introduction to sociology in which students will learn foundational theories and understand how sociology both relates to and differs from psychology. Students will further their familiarity of experimental psychology. They will design and conduct their own studies, both individually and in groups. Students will run statistical analyses, and present and evaluate their results by writing formal reports in APA format.

Prerequisite course: Psychology

Workload: Moderate

Outside the Law 14+

Leslie Hamilton

What do Blackbeard, Mata Hasi, and Dr. Martin Luther King Jr. have in common? They all lived outside the law! In this course we will study legal systems and how they have changed over several millennia. We will look at good laws, bad laws, and downright strange laws – and also figure out how to make these distinctions. We will also cover groups who lived outside the law: pirates, historical and modern, spies and even social justice movements as they battled to change the laws.

Ethics 14 +

Leslie Hamilton

How do you know you are right? What are your ethical principles? What guides how you live and how you make decisions? What is right, and how do you know? How do you make sound judgments, and what actually constitutes a sound judgment or a cogent argument? In this class we will examine the works of major moral philosophers and learn how to develop and analyze logical ethical arguments. The majority of our work, however, will involve discussions, debates, and lots of case studies and simulations! From dilemmas like lying and plagiarism to complex, real world issues like capital punishment, poverty, and the environment, students will be challenged not simply to share their opinions but to create strong factual arguments after diving into all sides of a problem.

Fine Arts/Technology

Photoshop/Photo-editing 14+

Jess Summers

This class will take you through different Photoshop lessons teaching basic Photoshop tools and features

moving into detailed projects like: photo manipulation, creating composite images, gaining a better understanding of composition and how to edit images in detail.

This class teaches important skills that may be beneficial when seeing employment and any creative career path. Photoshop is definitely an industry standard program for not only photography but graphic design and marketing.

Photography 2 14+

Jess Summers

This class will guide students toward a deeper level of understanding of photography. We will go over editing techniques with Lightroom, create in-depth photo sessions that push the limits of students' imaginations and dig deeper into composition. Students will work to find their own personal photographic style.

Let's Make a Sitcom 14+

Neal Brown

This class is for students who have always wanted to write, act or produce a television-style comedy; incorporating both single-cam and 3-camera setups, student will work collectively on creating an episodic comedy show, airing regularly on our Youtube channel.

Feature-Length Film Club 14+

Neal Brown

Students will begin production of a feature-length (90-120 minutes) film; we will work with lights, camera, audio equipment to get the best footage we can and then to edit it to tell the exact story we want to tell.

FX! Video Editing and Film Effects 14+

Neal Brown

Students will learn the art of nonlinear-editing, creating music videos and assembling short films that include Hollywood-style special effects and graphics.

Stop-motion Movie Making 11-13, & 14+

Neal Brown

Using mobile devices, students will create Legomation, Claymation, and other stopmotion-style short films. Concepts of story writing, camera composition and basic editing will be practiced as well.

Theatre 14+

Jared Hudson

Studying acting is the practice of learning to be fully present in a moment and sharing authentically with an audience. Acting classes are a risky-but-fun mix of improvisation, exercises/games, scenes, monologues and other magic designed to teach you to deliver that sort of power and authenticity as an actor, storyteller, or presenter. Students with a passion for theatre and/or a desire to 'go deep' in their capacity to Stand and SPEAK will thrive in a curriculum that covers the full span of formal acting training including: Speech & Voice: find the life within a piece of text and increase your capacity for clear, confident, expressive speech. Movement for Actors: expand your capacity to use physical-emotional connection to bring specificity to your performing; learn to interact with the people and space around you with awareness, subtlety, and guts; learn to develop consistent, believable characters for use in improvisation and scripted scenes.

Script & Score: learn to memorize/rehearse scenes and monologues from across theatre history with a focus on contemporary material; learn to DIVE IN with "cold readings"; singers may choose to exchange monologue and/or scene assignments for contemporary musical theatre repertoire.

Performance Skills: put all the basics into practice with particular consideration for the needs of the

audience and the obstacles of the space; learn to apply high standards of artistic integrity to any situation, whether it be artistic (stage, film, musical theatre), professional (introductions, interviews, presentations), or other (storytelling, slam poetry, etc.)

Stage Combat 14+

Jared Hudson

Stage Combat will teach students how to safely create fun and convincing fight choreography for stage and film. This would not be a class on how to fight (like fencing); it would literally be a class on how NOT to fight, as the objective of stage combat is to not hurt your scene partner while still convincing the audiences that your blows have legitimate weight behind them. The class would cover hand-to-hand, broadsword, and rapier & dagger choreography.

We see many students in Improvisation and Shakespeare unknowingly attempting stage combat (falling, punching, swashbuckling, etc.) in various scenes, but doing so incorrectly and in the process putting themselves (and sometimes others) at risk. This class would teach them proper technique in a safe and creative environment.

Altered Art 9-12 , 13+

Lisa Boys

Altered art is the exciting exploration of making the ordinary into the extraordinary. Altered art is defined as "the transformation or alteration of ordinary objects into artistic pieces". Students will alter such objects as books, soda cans, puzzles, board games and much more. The pieces will be created using mixed-media techniques, which include (but are not limited to): paint, fabric, paper, pastels, metal and ink. This class will prove to be a great exploration of art, problem solving and seeing the potential for art in the ordinary.

Music Theory and History 15+

Rick Sowash

Big Questions: How does music do what it does? What does music mean? What is greatness in music?

Students will discover the basic elements of music (intervals, chords, harmony, melody, etc.) and explore how these elements have been employed by composers, including Bach, Beethoven, Sibelius, Copland, by listening to their music.

Course Topics: will include music history, biographies of composers, and music as a humanity, ie., the ways in which music conveys the ideas and spirit of particular periods and peoples.

What to expect: Here are some of the things we're going to do together. We'll listen to and look at music in ways which most people never get to do. We'll inspect music up close and from the inside, learning how composers think, trying to figure out what makes certain pieces so effective. We'll listen to great music together and try to discover what is going on 'behind in scenes.' We'll discern, if we can, the tricks of the great composers. We'll learn to think like composers as we create our own tunes, together. We'll touch on a lot of other subjects, too, along the way. History, biography, anecdotes.

It is not necessary to be able to read music or to play a musical instrument to succeed in this course. Students only need to be curious about music and how it does what it does.