

## GALACTIC Class Offerings- 4th Grade Spring 2025

\*Class periods may not be finalized and are subject to change before the first day of classes. There are 3 class periods for 4th grade.

Class and Teacher(s)	Class Description/Period(s) Offered
<p><b>Nutrition Kitchen</b></p> <p>Mr. Ashby</p>	<p>Grab your aprons and tie back your hair! In this hands-on class, you will learn how to plan for and prepare nutritious foods! We will focus on how to budget for a meal that is inexpensive and healthy. You will learn how to handle knives safely while cutting and chopping our ingredients for a dish. You will become experts on safe food handling practices and be able to convert measurements for recipes.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical thinking, Self-management</i></p> <p><b>Course offered: Period 1, 3</b></p>
<p><b>Unsolved Mysteries</b></p> <p>Mrs. Binuyo</p>	<p>You have just been given the assignment of gathering information about an unsolved mystery. Instead of a spyglass, you will be using books and the Internet for your investigation. You will then support or refute the findings related to the mystery. Your findings will be shared with the class as a Photo Story presentation.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Communication</i></p> <p><b>Course offered: Period 2</b></p>
<p><b>Law and Government 2</b></p> <p>Mrs. Binuyo</p>	<p>The election is over, Ambassadors for GALACTIC were elected and NOW it's time to put some of those ideas into action! In this class, you will learn what elected leaders do after they have won the election. You will learn the major duties, powers, privileges, and limitations of a leadership position. You will also learn the importance of individuals cooperatively working together to find solutions to make GALACTIC a better learning environment.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Communication</i></p> <p><b>Course offered: Period 3</b></p>
<p><b>Patterns in Nature 2</b></p> <p>Mrs. Bruns</p>	<p>Let's uncover the amazing matrix of nature! From symmetry to fractals, the natural world is woven with beautiful mathematical patterns! In the Matrix I, we focused on the geometry of nature. In Patterns in Nature II, we will focus on number sequences found in nature; like Fibonacci, and Pi. We will learn about the mathematicians and scientists who discovered them and the artists who use them for inspiration. You will create your own art utilizing the mathematical patterns and artists' styles to see the connections between math, science, and art.</p> <p><i><u>GALACTIC Student Expectations:</u> Creative thinking, Critical Thinking, Self Management</i></p> <p><b>Course offered: Period 1</b></p>
<p><b>Practical Math Magic</b></p> <p>Mrs. Bruns and Mrs. Lauterborn</p>	<p>Calling all Math Magicians! In this class we will use math skills to solve real world problems: such as creating a budget for a day of touring a cool city, designing a dream bedroom, or adding a cool attraction to a theme park. We will create posters and 3D models and learn some real math magic tricks.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking,</i></p>

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	<p><i>Self-Management</i></p> <p><b>Course offered: Period 3</b></p>
<p><b>Great Literature: Harry Potter</b></p> <p>Mrs. Buchert</p>	<p>Have you ever been faced with making a choice between what is right and what is easy? J.K. Rowling has created a character who embarks on a journey filled with adventures that demand he make the decision to do what is right, even when it's not easy. He goes from being virtually unknown in his Muggle world, to being a household name in the wizarding world. Harry Potter is at the center of this wildly popular series of fantasy novels. In this class, group discussions, diary entries, and house activities will guide our investigations and interpretations of this literature. Mrs. Buchert gives this class a house point!</p> <p><u><i>GALACTIC Student Expectations: Communication, Self-management</i></u></p> <p><b>Course offered: Period 1, 3</b></p>
<p><b>Architecture</b></p> <p>Mrs. Davison</p>	<p>If you find yourself thinking about home and room designs, this may be the class for you. In this class, you will become an Architect as well as an Interior Designer. You will have the opportunity to meet various client requests to create floor plans as well as interior designs for their homes. We will use lots of math and art to complete these super fun projects!</p> <p><u><i>GALACTIC Student Expectations: Creative Thinking and Self-Management</i></u></p> <p><b>Course offered: Period 1, 2</b></p>
<p><b>St. Louis History: World's Fair</b></p> <p>Ms. Eckelkamp</p>	<p>Meet me in St. Louie-Louie! Meet me at the Fair! In this course, you will have the opportunity to visualize yourself as one of the 20 million attendees at the 1904 World's Fair held right here in St. Louis. You will explore the clothing of the times and the music sensations, including John Philip Sousa and our own Scott Joplin. In addition, you will find out why the "Ivory City" and Observation Wheel that stood in Forest Park in 1904 no longer exist. And finally, you will feast on delicacies of the time from "Fairy Floss" to ice cream cones and iced tea and find out what foods really were invented at the Fair 100 years ago.</p> <p><u><i>GALACTIC Student Expectations: Communication, Self-Management</i></u></p> <p><b>Course offered: Period 2</b></p>
<p><b>Go Places!</b></p> <p>Ms. Eckelkamp</p>	<p>Imagine: Covid and other viruses do not exist. Where would you visit if you had the chance to choose your destination? Would you stay in the United States and venture off to the mountains in the East or desert in the West? What if you had a larger budget, what other country would you visit? In this class, you become a travel agent. You will research places to travel, use a budget, and create an itinerary for your trip. Then you will try to persuade your "customers" to visit the location you chose. Oh the places you may go...are endless!</p>

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	<p><u><i>GALACTIC Student Expectations: Self-Management, Communication</i></u></p> <p><b>Course offered: Period 3</b></p>
<p><b>Show Me the Money: Personal Finance</b></p> <p>Mrs. Feazel</p>	<p>Growing up I remember my mom saying “We don’t have the money for that.” and “No, you can’t buy this... it’s a waste of money.” So, my questions began. Where does our money go after payday? Why are the things that I want to buy a waste of money? What else do I need money for? Why isn’t money for spending? In Show Me the Money you will learn where an average American paycheck really goes. How a small difference in salary or savings can drastically change your financial situation. If you think that you would benefit from a class that puts you in charge of that weekly paycheck, join us in Show Me the Money.</p> <p><u><i>GALACTIC Student Expectations: Content, Self-management</i></u></p> <p><b>Course offered: Period 2, 3</b></p>
<p><b>Newton’s Notions</b></p> <p>Mrs. Lauterborn</p>	<p>This class is going to explore motion by answering such questions as: What is moving around you right now? It might be the hands on a clock, the person next to you, or a piece of paper falling to the ground. Motion is all around us as we go through our day. What determines who will win in a bicycle race? There are many factors involved, including the speed, velocity, and acceleration of each participant. Have you ever run in a race? Do you think you went the same speed the whole time or maybe got faster or slower as you got closer to the finish line? Join me for a fascinating look at motion.</p> <p><u><i>GALACTIC Student Expectations: Critical Thinking, Self-Management</i></u></p> <p><b>Course offered: Period 2</b></p>
<p><b>Inventions and Inventors</b></p> <p>Dr. O’Brien</p>	<p>This course is centered around famous inventors with hands-on, creative building activities and experiments. Covering everything from brainstorming ideas to prototyping, testing, and presenting inventions.</p> <p><u><i>GALACTIC Student Expectations: Critical thinking, Creative thinking</i></u></p> <p><b>Course offered: Period 1, 2</b></p>
<p><b>Engineering</b></p> <p>Ms. Schneider</p>	<p>In this class, we will be using Legos, and other building materials to conduct engineering experiments. We will follow the invention process and learn about various simple machines as we solve real-world problems. We will learn to draw and follow a blueprint design to build a structure.</p> <p><u><i>GALACTIC Student Expectations: Critical Thinking, Self-Management, Content</i></u></p> <p><b>Course offered: Period 1, 3</b></p>

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<p><b>Shakespeare: Romeo &amp; Juliet</b></p> <p>Ms. Skelly</p>	<p>“O Romeo, Romeo! Wherefore art thou Romeo?” This semester Romeo will be in room 2 at GALACTIC. Join us as we read Shakespeare’s most well-known play. People often think of this as a love story, but it is so much more than that. In this class, we will read, write, talk about, and watch various versions of this play. If you enjoy action-packed stories- this class is for you!</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Communication</i></p> <p><b>Course offered: Period 1, 3</b></p>
<p><b>Sharks Ecology</b></p> <p>Ms. Winkler</p>	<p>Let’s Save Our Sharks! In this class, we will delve into environmental concerns and more on the importance of sharks to the survival of our oceans. As teams, we will search for reasons why sharks are disappearing from our oceans, then create ways we can impact their survival with projects that will have real-life implications-petitions, projects, letters, PSA’s and more!</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Content, Self-management</i></p> <p><b>Course offered: Period 1</b></p>
<p><b>Harlem Renaissance</b></p> <p>Ms. Winkler</p>	<p>The Harlem Renaissance (1918-37) was a time in U.S. history when many African Americans came to Harlem, New York. We will investigate how the musical influences, artistic styles, literature, and people have greatly impacted our creative arts today!</p> <p><i><u>GALACTIC Student Expectations:</u> Content, Communication, Self-management</i></p> <p><b>Course offered: Period 2</b></p>
<p><b>Cultures in Action</b></p> <p>Ms. Ziolkowski</p>	<p><i>Deprived of basic comforts, exposed to harsh natural environments, your fate dependent on strangers...would you survive??????</i></p> <p>Dare to join other castaways on a tropical deserted island for a semester. You will be forced to band together and form a squad. Each squad will carve out a new existence, using only collective brainpower and the island’s natural resources to survive. As a squad member, you must help to create a cooperative island society with tasks such as building a shelter, designing clothing, and forming a system of government and set of laws. Each squad will be rewarded with “survivor points” after completing tasks and island challenges. By the end of the semester, only one squad will survive... Will you be among the survivors?!</p> <p><i><u>GALACTIC Student Expectations:</u> Creative Thinking, Collaboration, Content</i></p> <p><b>Course offered: Period 1, 2</b></p>