

## **GALACTIC Class Offerings- 5th 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 5th grade.

<b>Class and Teacher(s)</b>	<b>Class Description/Period(s) Offered</b>
<b>Bake Sale</b> Mr. Ashby	<p>If you are eager to get in the kitchen, then you should consider signing up for Bake Sale. This class will focus on the science and skills associated with baking goods. Not only that, but we will be planning, organizing, and baking for the Project Night bake sale. This class is available for students who have not taken a cooking class. Get ready for the opportunity to prepare for, and manage a real-life bake sale!</p> <p><i><u>GALACTIC Student Expectations:</u> Self-Management, Critical Thinking</i></p> <p><b>Course offered: Period 1</b></p>
<b>Philosophy</b> Mr. Ashby	<p>The love of wisdom, a.k.a. Philosophy, is the core of this class. Philosophizing is an activity people undertake when they want to seek fundamental truths about themselves, the world in which they live, and their relationships to the world and each other. In this class, you will 'chew over' some of the questions the greatest philosophers have been discussing for centuries. If you love deep conversations and are open to challenging your thinking then come and wonder about everything as we philosophize!</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Communication</i></p> <p><b>Course offered: Period 3</b></p>
<b>Law and Government 2</b> Mrs. Binuyo	<p>Calling all leaders...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. Also, you will help 4th Graders Student Ambassadors at GALACTIC with their projects to make a difference at GALACTIC.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Communication</i></p> <p><b>Course offered: Period 3</b></p>
<b>Table Top Game Design</b> Mrs. Bruns	<p>Humans have been playing games for ages. The popularity of board games and table-top role-playing has increased in recent years. Board games and card games are more complex and challenging than ever before. Using the Design Process usually applied to STEM, students will ideate, create a prototype and test original games.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Time Management</i></p> <p><b>Course offered: Period 1, 3</b></p>
<b>Cartooning</b> Mrs. Buchert	<p>Students who have a natural love of drawing will perfect their skills as they learn new terminology and new techniques for drawing cartoons. How do you show a character who is excited? angry? scared? animated? Find out in cartooning class! Here is the chance you've been waiting for to express your creativity. We will study expressions, animals, movement, and political cartooning. By the end of this class,</p>

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	<p>you will feel like a professional cartoonist.</p> <p><i><u>GALACTIC Student Expectations:</u> Self-Management, Content</i></p> <p><b>Course offered: Period 2, 3</b></p>
<p><b>Podcasting</b></p> <p>Mrs. Davison</p>	<p>Do you like to talk? Do you have dreams and aspirations of sharing your thoughts in front of a large audience? Have you ever heard of a podcast before? In this class, we will listen to, reflect on, and speak our thoughts about an ongoing story streamed as a podcast. You will have points to discuss with a partner as you both take turns recording your thoughts onto audio.</p> <p><i><u>GALACTIC Student Expectations:</u> Content, Communication</i></p> <p><b>Course offered: Period 1, 2</b></p>
<p><b>Nutrition and Fitness --Restaurant Style</b></p> <p>Ms. Eckelkamp</p>	<p>Do you like to go to restaurants to eat? In this class students will do fitness activities and focus their research on how to eat healthy while eating out. Students will determine what foods are most nutritious to order, best avoided, or should be chosen seldomly, and the reasons why. Wear clothing you can easily move in and athletic shoes to help you benefit the most from this class! Feel free to bring your own water bottle as well!</p> <p><i><u>GALACTIC Student Expectations:</u> Self-management, Content</i></p> <p><b>Course offered: Period 1</b></p>
<p><b>Geometry</b></p> <p>Ms. Eckelkamp</p>	<p>Protractors, compasses, lines, polygons, coordinate graphs, angles, 3-dimensions, and 2-dimensions all have at least one thing in common. They are the tools, ideas, and crafts of geometry. If you like math that is both in and out of the box this is the class for you. We'll draw, build, bisect, and design all through math.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Content</i></p> <p><b>Course offered: Period 2</b></p>
<p><b>Sew What Now?</b></p> <p>Mrs. Feazel</p>	<p>Have you ever had a button pop off a shirt, or a hole form in your sock and think... Great, now what? I'd like to help you reframe that question, and the next time you have a textile malfunction instead of asking "Now What" you ask "Sew What"? This semester you can join me in learning how to manage all of your textile needs. From stitching buttons, mending socks, embroidery cross stitch all the way to learning the basics of sewing machine use. While we are at it, we can help keep some of the 17 million tons of textile waste out of our nation's landfills this year by repurposing unwanted or unused fabrics.</p> <p><i><u>GALACTIC Student Expectations:</u> Self-Management, Creative Thinking</i></p> <p><b>Course offered: Period 2, 3</b></p>
<p><b>Hydroponics 2</b></p> <p>Mrs. Lauterborn</p>	<p>What, no soil? Hydroponics is the technique of growing plants without soil. In Hydroponics, students will create experiments to compare</p>

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	<p>plants grown in soil and without soil. They will also explore the where, why, what, when, why and how of Hydroponics. Throughout the class, students will make different hydroponic systems and grow a variety of vegetables and herbs specifically grown to a recipe of their creation.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Self-Management</i></p> <p><b>Course offered: Period 2</b></p>
<p><b>Rocket Science</b> Mrs. Lauterborn</p>	<p>Have you ever been told, “Well, it’s not like it is rocket science?” Well, in this class, it actually is rocket science. We will be exploring the history of rockets, the design of rockets, what rockets are used for and yes, we will be creating a variety of rockets to shoot off into the air.</p> <p><i><u>GALACTIC Student Expectations:</u> Critical Thinking, Self-Management</i></p> <p><b>Course offered: Period 3</b></p>
<p><b>Fashion Design</b> Dr. O’Brien</p>	<p>Do you like to draw and use color to express yourself? Then this may be the class for you! In Fashion Design, students will learn how to design outfits using color schemes and principles of design. We will discuss how fashion has evolved through time, and each student will create a sketching packet of their own creations. Students will create a fictitious clothing line and will design a label, price points, and their own store model. We will tie-dye a shirt or tote bag and create a design to add. We will also be designing leather bracelets and keychains. If you are a creative person who is interested in designing clothing, Fashion Design is the place for you.</p> <p><i><u>GALACTIC Student Expectations:</u> Creative Thinking, Self-Management</i></p> <p><b>Course offered: Period 1, 2</b></p>
<p><b>Robotics</b> Ms. Schneider</p>	<p>Have you ever wondered what goes into creating a yearbook? Here’s your chance to find out! In this class, you will be responsible for producing and promoting the GALACTIC 5th Grade Yearbook- both a paper copy and a video version. You will be responsible for planning, writing, filming, editing, and producing the yearbooks to sell to the GALACTIC 5<sup>th</sup> Grade!!</p> <p><i><u>GALACTIC Student Expectations:</u> Communication, Collaboration, Self-Management</i></p> <p><b>Course offered: Period 1</b></p>
<p><b>Robotics</b> Ms. Schneider</p>	<p>Ozobots, Dash, and Makey Makey are fun ways to learn about programming while being engaged and playing with robots! Dash is a real robot that responds to commands to sing, draw, and move around. Ozobot is a miniature smart robot that can follow lines or roam around freely, detect colors, and can also be programmed. Makey Makey lets you transform everyday objects into computer interfaces. Students will learn hands-on about robotics and programming while working on STEM applications.</p>

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	<p><u><i>GALACTIC Student Expectations: Critical Thinking, Collaboration</i></u></p> <p><b>Course offered: Period 1</b></p>
<p><b>Shakespeare: Macbeth</b> Ms. Skelly</p>	<p>Often considered one of the Bard's darkest stories, Macbeth asks the reader to consider: how far will one man will go to achieve his goals? This play includes witches who can predict Macbeth's future, war, murder, and manipulative characters. If you like creepy tales full of villains this is the play for you!</p> <p><u><i>GALACTIC Student Expectations: Critical Thinking, Communication</i></u></p> <p><b>Course offered: Period 3</b></p>
<p><b>Decades: 1950's and Beyond</b> Ms. Winkler</p>	<p>Let's investigate how our country and our lives are different from almost a century ago! What was school like in the 1950s? Technology &amp; Current Events in the 1960's? Dance &amp; Music in the 1970's? You may also make predictions about your life in the future. We'll delve into history and how politics, art, music, clothing, food, and technology have affected our lives in the past and present and what surprises the future may hold!</p> <p><u><i>GALACTIC Student Expectations: Communication, Self-management, Content</i></u></p> <p><b>Course offered: Period 1</b></p>
<p><b>Coding- Escape Room Design</b> Ms. Ziolkowski</p>	<p>Have you ever been to an escape room? Do you love solving puzzles and figuring out challenges? Are you an expert coder or curious about coding? Then, this is the class for you!</p> <p>In this course, we will begin the semester using Breakout EDU to observe and learn what makes a challenging escape room. Then, we will put our coding skills to the test as we plan and design escape rooms on Scratch (a coding platform run by MIT).</p> <p>This class is very beginner-friendly. You will be provided with all of the coding skills necessary to make a fun and exciting escape room. However, this class is also excellent for experienced coders. You can create an escape room that is more advanced and challenging. Join us as we create an awesome project to share with our class, your family, and the world!</p> <p><u><i>GALACTIC Student Expectations: Creative Thinking, Content, Critical Thinking</i></u></p> <p><b>Course offered: Period 1, 2</b></p>