



Charles P. Murray Middle School

Home of the Falcons

2018 – 2019 Murray Middle School Mastery Program

All students will be assigned to a mastery class that they will attend each day from 8:30-9:10. This class assignment is based on need, interest, and/or teacher recommendation. Please reference the list below for a detailed description of our Mastery Classes. All students will be completing a *Mastery Selection Form* in their homebase class during their first week of school. We encourage parents to discuss these potential options with their child prior to the selection process.

Teacher	Topic	Description	Teacher Recommendation Needed	Duration
Language Arts, Math, Science, & EC Teachers	Acceleration Lab	Students will have the opportunity to further develop skills needed to enhance their Language Arts, Math, and/or Science content knowledge and understanding through remediation and lesson previewing.	yes	As needed
Hoffmier	Marine Science/Sea Perch (8 th Grade)	The Sea Perch Program provides students with the opportunity to learn about robotics, engineering, teamwork, science, and mathematics (STEM) while building an underwater ROV as part of a science and engineering technology curriculum. Students that sign up for this class will be expected to participate in two to three weekend field trips to test their ROV's, as well as participate in the Sea Perch competition.	yes	Year
Duvall	Island Ecology/ or Marine Science	Students will increase their knowledge of environmental literacy through a combination of education, service learning projects, field studies, and citizen science initiatives.	no	Semester
Hoff & Krisanda	Science Olympiad	Students will prepare for and compete in the New Hanover County Science Olympiad competition, through a STEM and inquiry based approach to Science.	yes	Year
Clary	Sewing	Students will learn to sew using basic hand stitches and sewing machines.	no	Quarter
Lewis	Girls in Technology	This course is geared toward girls who are interested in learning more about technology and technology tools.	no	Semester
Lewis	Coding	Students will learn how coding makes computer applications, software and websites work. Students will learn basic coding languages and practice coding through various platforms.	no	Semester
Arthur	The World of Gaming	Students will explore how games are planned and developed. We will explore the economics of the gaming industry.	no	Quarter
Hill Hodges, & Oakley	STAE: Striving To Achieve Excellence	Students will participate in enrichment and motivational activities, will visit colleges in North Carolina, and will have guest speakers from the community in order to help students realize that college and future careers are attainable.	yes (through application process)	Year
Troy	Battle of the Books	Students will prepare for and compete in the New Hanover County Battle of the Books competition http://bit.ly/2bnik1D	yes	Year
Hayes	Orchestra – Advanced Musicianship and Technique	Students will get the opportunity to focus on advance techniques, audition preparation, community performance , and work with guest artists.	yes	Semester



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Courie	Sports Science	Students will study and learn about the correlation between sports and Science	no	Semester
Highsmith	Financial Literacy	Students will learn about money management, the stock market, interest rates and how they can be used to make financial decisions, and other real world skills. They will also learn how to use excel spreadsheets to generate and maintain a budget.	no	Quarter
Guenther	A Capella Vocal Group	Students will sing together and alone a varied repertoire of music. Students will sing for the community and for the school. Students will perform at events that allow the Arts at Murray to get their name out as beneficial parts of education in schools.	yes	Year
Tyson	Jazz Band	Students will develop their musical and cultural awareness of the genre of American Jazz music.	yes	Year
Sadler	Project Based Learning	Students will enhance project and inquiry based thinking skills through digital learning.	no	Quarter
Johnson	Play Write	Students work together to brainstorm story ideas, create characters, write a script, design a set using everyday materials, furniture, and supplies, in preparation for a live performance.	no	Quarter
Peoples	Theatre-Education through Imagination!	The students will collaborate to create Improv! rehearsals & performances, use of stage makeup , social awareness plays, and performances for the community.	yes	Year
Patterson, Novello, & Meador	Green Arts	Students in this class will focus on the gardens, green arts, and technology through repurposing, recycling, and up-cycling. This will include a business plan and marketing to prepare for the selling of these products through a variety of fund raising events.	no	Year
Summerlin	We the People	Students will learn how we became the United States. Students will also learn why our founding principles are the way they are and how these ideas have shaped America. Students will also be connecting these ideas to current events today.	no	Quarter
Hager/ Ashley/ Harrison	Team Sports	This quarterly mastery class will explore the evolution and history of team sports from around the globe. Students will get a chance to experience many new sports as well as in depth exploration of their conception. Interested students should have a love of sports, history and competition.	no	Quarter
Hauck	Math Explorations	Students will enhance their math skills through higher order thinking, problem solving, and logical reasoning. Students will participate in STEM design/challenges, and will create a variety of Math games and activities that enhance the math classroom.	no	Semester
Shook	Critical Thinking	Students will work on improving critical thinking skills through a variety of means. We will use technology, practice coding, learn through BreakoutEDU boxes, create Genius Hour projects and have fun learning!	no	Quarter