



LYONS CREEK

MIDDLE SCHOOL

Cultivating a positive community of life-long learning & self-discovery

VERNICCA B. WYNTER, PRINCIPAL

GRADE 8 ELECTIVE OFFERINGS

BUSINESS TECHNOLOGY

- **ICT:** ICT is offered to both seventh and eighth grade students with an FSA of level 3 and above. Students work towards receiving digital tool certificates in IC3 Key Applications. Key Applications course focuses on basic database concepts, informational retrieval, and database inputs and outputs. Further, students will learn the most common functions of various office productivity applications in addition to being taught how to properly select and use the correct program or app for the task at hand.
- **DIT:** DIT is an eighth-grade class for students with an FSA of level 3 and above and is **HIGH SCHOOL CREDIT CLASS**. Students complete all three IC3 Digital Literacy Certifications: Key Applications, Living Online, and Computing Fundamentals courses and earn digital tool certificates.
- **L.E.E.O:** Students will become Industry Certified in Microsoft PowerPoint, Word, and Excel. LEEO students also learn how to set up and run a real business that generates income where students make real-world business decisions. LEEO students also collaborate with other LEEO schools via Go-To-Meeting Conferencing, Broward College and businesses like Office Depot Corporate and Citrix among others. LEEO class is only offered to students with a 4 or 5 reading score as well as a 4 or 5 math score. The course is a progression, so students who attend the sixth-grade year, are automatically enrolled in the seventh and eighth grade years. The eighth-grade year is for high school credit.
- **ENTREPRENEURSHIP & MARKETING:** This course will provide students with the opportunity to explore careers in business and accelerate their academic pursuits while meeting other students who share their interests. Students will learn team-building exercises to encourage cooperation and fundamentals in finance, marketing, communications, and networking.



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- **SPORTS & BUSINESS MANAGEMENT:** This course allows students to explore how to turn their passion for sports into a viable career off-the-field. Students will be introduced to the business of sports, sports research, event management, sponsorships and corporate development and marketing and public relations.
- **MONEY MANAGEMENT & FINANCIAL LITERACY :** Course is designed to help students understand the principles behind wise financial decisions so they can build a foundation now that will serve them and their families in the future. Student will learn how to set life and financial goals, motivating the student to engage their own financial situation. In addition, students will learn how to manage their money, including how to pay for goods/service, how to balance a checkbook, and much more.

PERFORMING ARTS

- **INTERMEDIATE BAND:** Intermediate Band is for seventh grade students who have completed beginning band at Lyons Creek or the equivalent. The band performs four times per year and are eligible for All-State and All-County Band auditions.
- **ADVANCED BAND:** Advanced Band is for eighth grade students who have completed two years of band at Lyons Creek or the equivalent. This band performs eight times per year and are eligible for All-State and All-County Band auditions.
- **MUSIC PRODUCTION:** Students will learn to operate the Garage Band program on an iMac Desktop computer and on an iPad. Students will learn Music Production as is executed professionally by studying and viewing the processes. Students will also learn to combine commercially produced songs, edit them and adjust key and tempo of songs. They will create and track their own unique songs using preloaded loops of melodies and beats using Garage Band Program on both the iMac and iPad. Students will learn how to and add their voices and or other instruments to existing songs or homemade songs using USB microphones.
- **STUDIO/TV PRODUCTION:** Studio is a class only offered to seventh and eighth grade students. It is an in-depth exploration and application of Digital Video Cameras, Tripods, Microphones, and the iMovie Program. Students write 4 storyboards to film and edit them using the software. Public Service Announcements, Jingle commercials, How



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to Videos and a movie trailer are the 4 Video Projects. Students also create PowerPoint presentations, edit music in the Garage Band program and create slideshows using Photos on Mac Computers.

- **CODING & GAMING:** Computer Science is only offered to seventh grade students. Computer Science is an introductory course that allows students to explore game development through the JavaScript programming language and Web Design by way of HTML and CSS code. This exciting course is delivering inspiration to students who love computers and those that may have had little interest in technology.
- **ART:** Art is a new class offered to all grade levels. Student learn to create two-dimensional and three-dimensional works of art with artistic intent. Students become engaged in the arts through creating, developing, and responding to other artists work. Class projects are concentrated around the principles and elements of art through drawing, painting, printmaking, and sculpture.
- **SPEECH:** Speech is offered to both seventh and eighth grade students and is a HIGH SCHOOL CREDIT CLASS. The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies in a variety of given settings. The content should include, but not be limited to, the following: learning and practicing a variety of speech formats, learning and demonstrating appropriate formal and informal public speaking techniques for audience, purpose, and occasion (such as, eye contact and body movements, voice register and choices of language, use of standard English), using research and writing skills to support selected topics and points of view, and collaboration amongst peers, especially during the drafting and practicing stages. Student must participate in tournament(s).
- **DEBATE:** Debate is offered to both seventh and eighth grade students and is a HIGH SCHOOL CREDIT CLASS. The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies in a variety of given settings. The content should include, but not be limited to, the following: learning and practicing a variety of speech formats, learning and demonstrating appropriate formal and informal public speaking techniques for audience, purpose, and occasion (such as, eye contact and body movements, voice register and choices of language, use of standard English), using research and writing skills to support selected topics and points of view,



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SOCIAL EMOTIONAL LEARNING (SEL) & MINDFULNESS

- **MINDFULNESS PRACTICES & YOGA:** This class is designed for middle school students who are interested in learning and benefiting from mindfulness practices. In this supportive group environment, the facilitators lead you through activities so that you develop new skills to manage stress. You will be introduced to some new things such as, short periods of meditation and body-mind awareness. Students will practice gentle stretching and yoga, mindful meditation practice to encourage relaxation and awareness and self-reflection through journaling, activities and group discussion.
- **PHYSICAL EDUCATION:** Physical Education (PE) is offered to all grade levels as a semester class. This class is designed for students who enjoy high energy activities and can work with others on teams of different sizes. This class will place emphasis on several different types of sports including basketball, volleyball, soccer, flag football just to name a few. Students will be presented with the rules and regulations of each sport and practice the skills to be successful at each sport. Lastly, Students will have the opportunities to take a leadership role to make his/her team successful.

ACADEMIC RIGOR

- **SPANISH 1:** Spanish I and II are offered to both seventh and eighth grade students and is a HIGH SCHOOL CREDIT CLASS. The purpose of these courses is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on the acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized through each course.
- **SPANISH 2:** Spanish II is an eighth-grade class and is a HIGH SCHOOL CREDIT CLASS. The purpose of these courses is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on the acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are



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emphasized through each course. The pre-requisite for Spanish II is the successful mastery of topics learned in Spanish I.

- **ROBOTICS:** Robotic classes are for sixth and seventh grade students with level 4 and 5 on FSA. This course will continue to explore and extend the Robotics and Computer Coding principles addressed in the Introduction to Robotics course, as well as general Engineering Design Principles. Students will expand their robotics skills by competing in the First Lego Challenge competition. Students will integrate their robotics and coding skills by learning to write Android Cell Phone Apps which can control Lego Mindstorms Robots. Students will be introduced to the world of underwater Robotics by building Remotely Operated Underwater Vehicles (ROVs). Students will participate in an array of traditional engineering design activities such as mousetrap car design, water bottle rockets, electrical generator construction and bridge design.