

L.R. Johnson K-8 School of International Studies

6th Grade Elective Courses (SY 2020-2021)

Design

- **Coding (Semester) 9009200:** This class explores foundational computer science and robotics concepts that will introduce students to the growing field of computer science. The course will cover topics such as programming, web development and basic computer language syntax. No previous coding skills are required. **Students will have the opportunity to earn a digital tool certificate.**
- **Introduction to Technology (Semester) 8600010:** Students will become familiar with the resources of technology, technology systems and the evolution of technology. Students will be taught the design process and use it to explore the concept of design. They will be introduced to common materials and processes as they challenge themselves to solve innovative problems.
- **Technology Student Association (Semester):** Students who are interested in being active members of the Technology Student Association (TSA) club can apply to enroll in this course. Students will explore engineering and design technology while planning and developing projects that align with the criteria outlined in the Competitive Rule Guide. Students are expected to compete at the District and State TSA competitions.

Fine Arts

- **Exploring 2D Art (Semester) 0101005:** Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. Opportunities are provided for creative decision-making in the context of the structural elements of art and the organizational principles of design. This course incorporates hands-on activities and consumption of art materials.
- **Digital Art Design 1 (Semester) 0103000:** Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still and/or animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

Performing Arts

- **Band 1 (Semester) 1302000:** Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal

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and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

- **Orchestra 1 (Semester) 1302040:** Students who have little or no experience on violin, viola, cello, bass, or harp explore high-quality music literature written or transcribed for string orchestra. Study includes the development of foundational instrumental ensemble techniques, performance skills, music literacy, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Physical Education

- **Fitness 6 (Semester) 1508000:** The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success.
- **Dance 1 (Semester) 0300000:** Students develop dance technique and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

IB Strategies

- **Critical Thinking (Semester) 7100370:** The purpose of this course is to enable students to develop learning strategies, critical-thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors.

Language Acquisition

- **Beginning Spanish (Semester) 0708000:** Introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included.

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Design

- **Digital Art and Design 2 (Semester) 0103010:** Students develop and refine concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still and/or animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials.
- **Exploring Technology (Semester) 8600020:** Students develop an understanding of the progression and scope of technology through exploratory experiences. In group and individual activities, students experience ways in which technological knowledge and processes contribute to effective designs, abilities, and skills to create solutions to technological problems. Students participate in design activities to understand how criteria, constraints, and processes affect designs.
- **Journalism 1/TV Production (Semester) 1006300:** The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.
- **Technology Student Association (Semester):** Students who are interested in being active members of the Technology Student Association (TSA) club can apply to enroll in this course. Students will explore engineering and design technology while planning and developing projects that align with the criteria outlined in the Competitive Rule Guide. Students are expected to compete at the District and State TSA competitions.
- **Coding (Semester) 9009200:** This class explores foundational computer science and robotics concepts that will introduce students to the growing field of computer science. The course will cover topics such as programming, web development and basic computer language syntax. No previous coding skills are required. **Students will have the opportunity to earn a digital tool certificate.**

Fine Arts

- **2D Studio Art 2 (Year) 0101020:** Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. Opportunities are provided for creative decision-making in the context of the structural elements of art and the organizational principles of design. This course incorporates hands-on activities and consumption of art materials.

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Performing Arts

- **Band 2 (Year) 1302010:** Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.
- **Orchestra 2 (Year) 1302050:** Students who have some previous orchestral experience focus on the development of instrumental technique, musical literacy, performance skills, and increasing aesthetic awareness through study, rehearsal, and performance of a variety of high-quality orchestra literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Physical Education

- **Fitness 7 (Year) 7815010:** The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success.
- **Dance 2 (Year) 0300000:** Students develop dance technique and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Language Acquisition

- **Spanish Intermediate (Semester) 0708010:** Spanish Intermediate is a continuation of Beginning Spanish. Students will expand their knowledge of the language and its culture. Students will be able to engage in basic listening and speaking activities. Basic skills in reading and writing, and culture, connections, comparisons, and communities are included.

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Design

- **Digital Information Technology (Year-High School Credit) 8207310:** This high school credit class includes the exploration and use of databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. **Students will have the opportunity to earn a Microsoft tool certificate.**
- **Applied Engineering Technology (Year-High School Credit) 8401110:** The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of applied engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of electronics, alternative energies, advanced robotics, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry. **Students can earn an industry certification.**
- **Journalism 1/TV Production (Year) 1006300:** The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.
- **Technology Student Association (Year):** Students who are interested in being active members of the Technology Student Association (TSA) club can apply to enroll in this course. Students will explore engineering and design technology while planning and developing projects that align with the criteria outlined in the Competitive Rule Guide. Students are expected to compete at the District and State TSA competitions.

Fine Arts

- **2D Studio Art 3 (Year) 0101026:** Students extend to advanced level techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students proficiently manipulate the structural elements of art with increasing independence to promote creative risk-taking in 2-D artwork. Investigation of artworks from Western and non-Western cultures provide a means for students to expand their understanding and appreciation of the role of art in global culture. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Performing Arts

- **Band 3 (Year) 1302020:** Students with previous band experience expand on their instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a

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variety of intermediate-level, high-quality band literature. Instrumentalists extend their knowledge of music notation and theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

- **Orchestra 3 (Year) 1302060:** Students with previous orchestral experience demonstrate intermediate-level knowledge of instrumental techniques, musical literacy, ensemble performance skills, and related musical knowledge through study, rehearsal, and performance of a variety of high-quality orchestral literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Physical Education

- **Fitness 8 (Year) 7815010:** The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success.
- **Dance 3 (Year) 0300000:** Students develop dance technique and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.
- **HOPE: Health Opportunities through Physical Education (Year-High School Credit) 3026010:** The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach. Meets high school graduation physical education requirement.

Language Acquisition

- **IB MYP Spanish 2 (Year-High School Credit) 0708880:** Florida's Pre-IB Spanish 2 reinforces the fundamental skills acquired by the students in Pre-IB Spanish 1.
- **IB MYP French 2 (Year-High School Credit) 0701880:** Florida's Pre-IB French 2 reinforces the fundamental skills acquired by the students in Pre-IB French 1.