



Middle School Course Offerings

2021-2022

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Dear Parents and Students:

Welcome to the 2021-2022 School Year at Johnson K-8. Our school's International Baccalaureate (IB) program offers students an international mindedness that will move with them through their elementary, secondary and post-secondary education.

The Middle Years Programme at Johnson K-8 provides a framework of learning that encourages students to become creative, critical and reflective thinkers. Our teachers emphasize intellectual challenge, encouraging students to make connections between their studies in traditional subjects and the real world. It fosters the development of skills for communication, intercultural understanding and global engagement which are essential qualities for young people who are becoming global leaders. This programme aims to help students develop their personal understanding, their emerging sense of self, and their responsibility to their community.

Academic success is closely related to personal, social and emotional well-being. At a time when students are establishing their identity and building their self-esteem, the International Baccalaureate philosophy can motivate students and help them to achieve success in school and in life beyond the classroom. At Johnson we can offer academic challenge in a setting conducive to providing students with these opportunities. Our smaller size is certainly an advantage to our families and students.

This course offering guide provides guidance when selecting academic and elective pathways for the upcoming school year. Academic course placement (e.g. language arts, math, science, and social studies) will be based on teacher recommendation and/or standardized test scores. Parents are also encouraged to contact administration to discuss this placement.

Elective selections will be based on student preference as indicated on the grade level course selection form. These electives are in addition to the standard electives that include Spanish and Physical Education for all students.

If you have any questions about course selection or elective offerings, please contact Mrs. Burgos, School Counselor at 941-741-3344 ext. 2014 or burgoss@manateeschools.net.

Sincerely,

Anthony Losada
Principal



Academic Courses (SY 2021-2022)

English/Language Arts

6th grade Advanced

Students will write informative and argumentative essays throughout the year. Their focus is on transitioning from the basic five paragraph essay, to including text evidence in informative essays, and learning to choose a side, pick out relevant evidence and argue their side.

7th grade (Advanced Pathway Offered)

Students write informative essays that examine a topic through multiple texts and support information with relevant text evidence. They also write argumentative essays in which they support their claims with clear reasons and relevant evidence.

8th grade (Advanced Pathway Offered)

Students build upon previously learned knowledge and skills to write informative, argumentative and analytical essays. They continue to build their knowledge of writing conventions and correct use of citations.

English 1 Honors (High School Course)

Students write informative, persuasive and analytical essays that focus on well-defined perspectives and tightly reasoned arguments.

Mathematics

6th grade (Advanced Pathway Offered)

Properties and operations of rational numbers, ratios, an introduction to solving equations, basic geometry of polygons, and an intro to statistical displays.

7th grade

Advanced Math - Proportional reasoning including percent, tax, tip, discount, solving equations, probability and an introduction to statistics.
Algebra 1 (High School Credit) - 7th graders have an opportunity to take the High School Algebra 1 Course if they score a 4 or higher on their 6th Grade Math FSA test and receive a teacher recommendation.

8th grade

Pre-Algebra: Curriculum includes rational numbers, functions, linear equations, data displays, and geometry.

Algebra 1 (High School Credit): includes the content of the high school course including integers, expressions, equations, linear equations, polynomials, and statistics.

Geometry (High School Credit): Students who have taken Algebra 1 as a 7th grader and who pass the EOC with a 3 or higher will continue to Geometry Honors in 8th grade. This class develops logical reasoning and justification using basic geometry elements, triangles, quadrilaterals, and circles. Vocabulary, theorems and proof writing are a requirement in this class.

NOTE: All 7th grade students who score a 3 or higher on the 7th grade FSA will be scheduled for Algebra 1. Others will be scheduled for 8th Grade Pre-Algebra.



Academic Courses (SY 2021-2022)

Science

6th, 7th and 8th Grades (Advanced Pathway Offered)

Students discover science in four main categories: 1) The Nature of Science, which covers the investigative process, 2) Life Science, which covers diversity, evolution, and the organization of living things, 3) Physical Science, which covers energy, force, and motion and 4) Earth Science, which covers structures, patterns, and systems of Earth. Each of the four categories in each grade level encompasses a variety of increasingly spiraling standards. Students at all grade levels are required to work independently on a STEM project during the first semester.

8th Grade Integrated Science (High School Credit)

- Students extend their thinking beyond the application stage and delve deeper using complex reasoning in the four main categories of science. Students are required to have a deep understanding of the concepts in order to study the impacts of science on the world. The pacing for the course is at a high school level, and students are expected to be well organized, and must have the ability to work and learn independently. Students will be responsible for completing two STEM projects throughout the year.

Social Studies

6th Grade Advanced

World History: In grade 6, students analyze ancient history in order to better understand their own culture. They engage in global outreach and learn to embrace diversity and value people as they study the rise and fall of several ancient civilizations, such as Mesopotamia, Egypt, India, and China. Students also engage with democratic processes when they study the governments of ancient Rome and Greece

7th grade Advanced

Civics: The primary content for Civics pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system.

8th grade (Advanced Pathway Offered)

U.S. History: In U.S. history students learn about the history of our nation, which includes early explorers of the Americas, colonization of the Americas, English colonies in North America, colonial independence in North America, the development of American government and culture, division and civil war in the United States, and reconstruction after the Civil War. Students work in cooperative groups daily. Students conduct research and create presentations about key events, figures, and ideas that contributed to the United States.

6th Grade Design

- **Computer Applications in Business 1 (Semester-Business Pathway) 8200520S:** The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business Management and Administration career cluster. The content includes but is not limited to instruction in intermediate keyboarding, intermediate word processing, intermediate electronic presentation, intermediate computer hardware, intermediate Internet, introductory spreadsheet, and skills for business applications.
- **Exploration of Communications Technology (Semester-Digital Design Path) 8600030S:** The purpose of this course is to give students an opportunity to explore the area of communications technology and its associated careers. Students will be given the opportunity to solve technological problems using a variety of tools, materials, processes and systems while gaining an understanding of the effects of communications technology on our everyday lives. Students explore the fundamental concepts, terminology, techniques, and applications of technology to create original work.
- **Introduction to Technology (Semester-Engineering Pathway) 8600010S:** 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.
- **Coding Fundamentals (Semester) 9009200S:** 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.**
- **Technology Student Association (Year Long Pathway) 8600010T:** 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.

6th Grade Fine Arts/Performing Arts

- **Exploring 2D Art (Semester) 0101005S:** 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.

6th Grade Fine Arts/Performing Arts (con't)

- **Band 1 (Semester) 1302000S:** 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 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) 1302040S:** 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.
- **Theatre 1 (Semester) 0400000S:** Students learn the basics of building a character through such activities as pantomime, improvisation, and effective speaking using articulation, projection, and breathing. Students also learn the importance of technical theatre and explore the use of such elements as costumes, props, and scenery. Students practice writing for the theatre and explore various theatre roles and functions. Public performances may serve as a culmination of specific instructional goals.

6th Grade Physical Education

- **IB MYP Comp PE 1 (Semester) 1501130S:** 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.

6th Grade Language Acquisition

- **Beginning Spanish (Semester) 0708000S:** 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.



7th Grade Elective Courses (SY 2021-2022)

7th Grade Design

- **Computer Applications in Business 2 (Yearlong-Business Pathway) (FBLA) 8200210:** The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business, Management, and Administration career cluster. The content includes but is not limited to instruction in advanced keyboarding, advanced word processing, advanced hardware, advanced internet, intermediate spreadsheet, introductory digital design, and soft skills for business applications. *Students will have the opportunity to earn an industry certification.*
- **Fundamentals of A/V and Print Technology (Yearlong-Digital Design Pathway) 8260300:** The purpose of this program is to give students an opportunity to apply knowledge and skills related to the area of Arts, A/V Technology and Communication. This course will assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Arts, A/V Technology and Communication career cluster. *Students will have the opportunity to earn an industry certification.*
- **Exploring Technology (Yearlong- Engineering Pathway) 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 2/TV Production (Yearlong) 1006310:** 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.
- **Creative Photography 1/Yearbook (Yearlong) (0102040):** Students explore the aesthetic foundations of art using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Processes and techniques for image capture and printing may include, but are not limited to, handcrafted pinhole cameras, hand tinting photographs, mixed media, photo collage, cross-processing, emerging technologies and new media.
- **Technology Student Association (Yearlong) (8600020T):** 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.



7th Grade Elective Courses (SY 2021-2022)

7th Grade Fine Arts/Performing Arts

- **2D Studio Art 2 (Yearlong) 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.
- **Band 2 (Yearlong) 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. 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 (Yearlong) 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. 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.
- **Theatre 2 (Yearlong) 0400010:** Students with previous theatre experience and instruction continue to study acting, design, and dramatic literature to increase the enjoyment and understanding of what is required to prepare plays for the public. Students explore theatre history, study the great American playwrights, examine the cultural and historical contributions to theatre, and begin to use the information to inform and improve their theatre knowledge and skills.

7th Grade Physical Education

- **IB MYP Comp PE 2 (Semester) 1501131S:** 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.

7th Grade Language Acquisition

- **Spanish Intermediate (Semester) 0708010S:** 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.



8th Grade Elective Courses (SY 2021-2022)

8th Grade Design

- **Computer Applications in Business 3 (FBLA) (8200211):** The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business Management and Administration career cluster. The content includes but is not limited to instruction in advanced spreadsheet, intermediate digital design, introductory database, introductory web design, and skills for business applications.
- **Digital Information Technology (Yearlong-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 an industry certification.*
- **Applied Engineering Technology (Yearlong-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. *Students will have the opportunity to earn an industry certification.*
- **Technology Student Association/ Applied Engineering Technology (Yearlong) 8401110T:** 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.
- **Creative Photography 2/Yearbook (Yearlong) 0102050:** Students explore the aesthetic foundations of art using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Processes and techniques for image capture and printing may include, but are not limited to, handcrafted pinhole cameras, hand tinting photographs, mixed media, photo collage, cross-processing, emerging technologies and new media.
- **Journalism 3/TV Production (Yearlong) 1006020:** 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.



8th Grade Elective Courses (SY 2021-2022)

8th Grade Fine Arts/Performing Arts

- **2D Studio Art 3 (Yearlong) 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.
- **Band 3 (Yearlong) 1302020:** Students with previous band experience expand on their instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of intermediate-level, high-quality band literature. Students may be required to attend and/or participate in rehearsals and performances outside the school day. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.
- **Orchestra 3 (Yearlong) 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. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

8th Grade Physical Education

- **IB MYP Comp PE 1 (Yearlong) 1501132:** 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.
- **HOPE: Health Opportunities through Physical Education (Yearlong-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.

8th Grade Language Acquisition

- **IB MYP Spanish 1 (Year-High School Credit) 0708870:** Florida's Pre-IB Spanish 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities. In addition, the purpose of this Pre-IB course is to prepare students for the International Baccalaureate Diploma Programme (DP).