



Required courses for 7th grade students:

- **Physical Education (year-long):**

The purpose of this course is to build on previously acquired knowledge, skills, and values necessary for the implementation and maintenance of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which include but is not limited to: Outdoor Pursuits/Aquatics, Individual/Dual Sports, and Alternative/Extreme Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

- **Computer Science Discoveries (CSD):**

[Click here for a video about CSD](#)

Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

- Problem Solving and Computing is a highly interactive and collaborative introduction to the field of computer science, as framed within the broader pursuit of solving problems. You'll practice using a problem-solving process to address a series of puzzles, challenges, and real-world scenarios.
- Students will learn how computers input, output, store, and process information to help solve human problems.
- Web page design and development. HTML and CSS languages are introduced and used by students to create and share content on their own web pages.
- Interactive Animations and games! Using JavaScript students create programmatic images, animations, interactive art, and games.
- **Students will have the chance to pass certification tests.**

Note: if a student has not taken ICT 1, we will re-evaluate before placing them in CSD

Elective course options for 7th grade students: (select 1)

Band 1 - Beginning Band:

This full-year course is designed for 6th, 7th, or 8th grade students who have no previous band experience. They will develop their basic musicianship while performing in three concerts per year. Instrument selection will be done the first two weeks of school, and instrument rentals are available. Financial obligations and occasional time commitments outside of school hours are part of this course. There will be a fair share fee for this course which covers uniform shirt, band books, binder, music, clinicians, professional fees, small accessories, reeds, rewards, and other class essentials.

Band 2:

This full-year course is designed for 6th, 7th, or 8th grade students who have at least one-year prior band experience. They will continue to develop their musicianship while performing at least three times a year. Financial obligations and occasional time commitments outside of school

hours are part of this course. There will be a fair share fee for this course which covers uniform shirt, band books, binder, small accessories, reeds, rewards, and other class essentials.

2-Dimensional Studio Art 2:

Students refine techniques used to create a variety of two-dimensional (2-D) artworks in drawing, painting, printmaking, and collage. Investigation of artworks from Western and non-Western cultures helps 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.

Research 2 (STEM):

The first semester of this course focuses on an introduction to the areas of technology and introduces students to the engineering design and problem-solving processes that require them to use manipulative skills within a cooperative team setting. Students are given the opportunity to explore the areas of technology and associated careers available in technical fields. The problem-solving skills developed at the beginning of the course are carried over to research and design projects on topics such as bridge engineering, electromagnetic spectrum, plate tectonics, erosion, genetics and biomimicry, and many other topics. The purpose of this course is to enable students to develop basic knowledge and skills in the research process with emphasis on determining and refining research questions. This is a STEM-based course.

All students must participate in the STEM Fair the first semester of the year.

Beginning Spanish:

The purpose of M/J Exploratory Spanish is to provide opportunities for exposure and self-development through the study of Spanish language and culture with content that includes exploration of basic Spanish language principles, cultural concepts related to the Spanish-speaking world, and comparisons between the students' own language and culture and that of Spanish-speaking countries. This course is an effective introduction to M/J Beginning Spanish.

Note: Students who complete two years in middle school have the option after the 2nd year to convert those two years to ONE high school credit.

Productions Class:

Students will be introduced to the world of digital media using programs created for the design of audio and visual productions. Students in the Production class will gain first-hand experience collaborating on and producing written publications for the school, including, but not limited to a school newspaper. Students will be introduced to the basics of TV production, digital tools used in production, communication, and broadcasting skills. Students in this elective will assist with the creation of the school closed-circuit morning news along with other broadcasting opportunities.

Note: students are chosen by application only. The course will be limited to 22 students.

[Production Class Application](#)