



Centennial Campus

Center for Innovation

8th Grade Course Descriptions

2024-2025

Course	Course Description
Computer Science Discoveries II and III	This course focuses on the visible aspects of computing and computer science and how they can use it as a tool for exploration and expression. Students will see how data is used to address problems, and how physical computing allows computers to collect input and return output in a variety of ways.
Magnet Choral Ensemble	Chorus is the premier performing ensemble at CCMMS. Students will sing advanced repertoire together in three parts, improve their skills in music performance and literacy, and learn to arrange and perform songs of their choice. Students will lead the combined choir in performance at the Night of Excellence and have the opportunity to sing in WCPSS events such as All-County Chorus.
Dance I	This course continues developing skills and creativity through basic modern dance. Students may participate in formal and informal performance activities.
Dance II	Students will further develop their modern dance technique skills through a rigorous class with more complicated performance and choreographic projects. Students will participate in some after school practices and evening performances.
Exploring Personal Characteristics and Careers/ Exploring Careers and Employment	Exploring career decisions is based on self-awareness, understanding the world of work, and the career planning process. Students will learn communication, personal management, and teamwork skills. Students will explore personal characteristics, careers, and employment.
Magnet Destination Innovation	Students will use the Design Thinking Model (empathy, define, ideate, prototype, test) as they begin to think differently about solving problems to find better solutions. Students will "understand, explore, and engage" with different situations and work creatively with one another through hands-on learning opportunities.
Magnet Guitar	Students will perform more difficult songs together as a class, in small groups and individually. They will expand their skills on the guitar with chords, additional right hand techniques, and ensemble playing. Students will perform as a class at Night of Excellence.
Pottery/Sculpture	Students will create their own work with a wide variety of media such as paper, wood, clay, plaster or paper mâché. Students explore various

	cultures, art history and learn to think and write critically about master works as well as their own.
Project Lead the Way (PLTW): Flight and Space	Students will explore how the exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil. Custom-built simulation software allows students to experience space travel.
Spanish I (MS for HS Credit) *Yearlong Length	This course continues the study of the Spanish language and culture, refining grammatical and vocabulary topics. Major topics include the rooms in a house, making comparisons, the superlative, stem changing verbs, affirmative commands, the present progressive tense, clothing, demonstrative adjectives, and the preterit of verbs. Students who complete this course successfully and who pass the exit exam (worth 20% of the overall grade) may take Spanish II at the high school level.
Visual Composition I	Students will engage in deep study of the elements and principles of art centered on the curriculum set forth in the North Carolina Essential Standards for Visual Art. Two and three-dimensional techniques will be taught using a variety of media. Students will explore various cultures, art history and learn to think and write critically about master works as well as their own.
Visual Composition II	Students will continue to develop their technical and artistic skills as they solve problems with their own choice of media. Students will be expected to write critical analysis of the work of others (including the masters) and their own.
Exploring Business and Entrepreneurship	Explore the purpose and functions of business and the concepts of entrepreneurship. Focus on the characteristics of an entrepreneur and the entrepreneurial process. Gain the knowledge and skills for careers in business, finance, and marketing.