



Centennial Campus

Center for Innovation

7th Grade Course Descriptions

2024-2025

Course	Course Description
Computer Science Discoveries I and II	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.
Dance I	Students will deepen their knowledge of dance through the styles of Ballet, modern, jazz, and West African. Students will also integrate their knowledge of dance into solo and group choreography. Performance opportunities will be available either during the winter or spring.
Exploring Personal Character 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 Choral Ensemble	Students will sing songs together as a class and perform with the 8th Grade Chorus at Night of Excellence. Students will also improve their music literacy and performance skills and learn how to sing harmony parts.
Magnet Guitar	Students will perform songs on the guitar together as a class, in small groups and individually. Students will further their music literacy and performance skills and perform as a class at Night of Excellence.
Painting	Students will be introduced to basic painting skills and concepts, mixing and application techniques with a concentration of color theory. In addition, students will learn to think and write critically about master work as well as their own.
Project Lead the Way(PLTW): Design and Modeling	In this course, students use solid modeling software, a sophisticated mathematical technique for representing solid objects, as part of the design process. Utilizing this design approach, students understand how design influences their lives. Students also learn sketching techniques and use descriptive geometry as a component of design, measurement, and computer modeling. Students brainstorm, research, develop ideas, create models, test and evaluate design ideas, and communicate solutions

<p>Spanish Beginning Less Than 1 Year</p>	<p>Students will learn the study of the Spanish language and culture. It is the first part in the Spanish curriculum series for high school credit. Major topics include greetings, conversation questions, telling time, classroom objects, asking for help, the parts of the body, infinitive verbs, expressing likes and dislikes, definite and indefinite articles, adjectives, subject pronouns, the present tense of –ar verbs, and the plurals of nouns and articles. Students who successfully complete this course should continue the Spanish curriculum series for high school credit by taking Spanish I in 8th grade.</p>
<p>Spanish Heritage I <i>Prerequisite: Ability to speak and comprehend spoken Spanish</i></p>	<p>This course is designed specifically for native or heritage speakers of Spanish who already have some oral language proficiency. The purpose of this course is to enable students to develop, maintain, and enhance their proficiency in the heritage language by providing them the opportunity to listen, speak, and write in a variety of contexts and for a variety of audiences, including the family, school, and the immediate community. The course will allow students to explore the cultures that use the heritage language, including their own, and it will enable students to gain a better understanding of the nature of their own language.</p>
<p>Visual Composition I</p>	<p>Students will be introduced to the elements of art through a variety of media. Students will experiment with drawing, painting, sculpture and/or weaving projects. Students will be introduced to art history and critical analysis of master works as well as their own.</p>
<p>Exploring Business and Entrepreneurship</p>	<p>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.</p>