

6th Grade Electives

Grade	Course Number	Course Name	Description
6	036061	Anthropology	This course will focus on projects based on Ancient Civilizations through Medieval Civilizations. This course will integrate the following content standards throughout the school year: maps/globes, culture, history and geography, economics, citizenship, and government. This course will integrate electronic media and communication skills in its content.
6	038401	MS Service Learning	This course is a hands-on study of the practice and intent of service learning, the integration of community service, and related academic study. Students will spend one semester actively developing, planning, implementing, and evaluating service learning experience. Principals of civic engagement will be added to provide students with a well-rounded learning experience. Teachers are advised to have attended the UNO Service Learning Academy or received training in service learning or project based learning.
6	170471	Exploring Robotics 6	Exploring Robotics 6 is an introduction to robotics, engineering, programming, problem solving, and team dynamics.
6	115021	Art GR 6	This course examines artists' world views. Enduring understandings and ideas include: Art reveals aesthetic theories; Artists create art from multiple perspectives of time, place and culture revealing aesthetic theories; Artistic forms follow function throughout time; Critical processes identify aesthetic theories; and Art reflects the values and beliefs of a civilization/society. Students will play the role of artist, philosopher, historian, and archeologist to explore world art throughout time.
6	011031 & 011032	Honors Special Projects 6 *will be placed by administration	This course offers a wide variety of experiences that align with gifted and talented programming standards. Learning opportunities meet grade level objectives in problem-solving, critical thinking, creative thinking, inquiry, cultural proficiency, metacognition and affective skills.
6	130001	Computer Apps 1	This middle-level course is designed to emphasize digital citizenship, basic computer operations, word processing applications, spreadsheet applications, presentation applications, and technology communication tools. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a formal presentation.
6	170731	Intro. to Tech & Living	This introductory course is a unique exploratory course for students. A blend of innovative units from both the Industrial Technology and Family and Consumer Science curriculum are taught by staff from either discipline. Students are provided an opportunity to investigate a number of activities based on learning units in a state-of-the-art laboratory. Pairs of students work cooperatively through a seven-day Technology and Living Unit. Students independently choose from areas such as computer-aided design (CAD), clothing, structures, foods, lasers, housing, electricity/electronics, consumerism, robotics, childcare, research and design, and family.
6	160509	Spanish Flex	This Spanish class in World Languages provides a brief experience in the language e.g., greetings, classroom expressions, the alphabet, and the numbers. Information about the prominent aspects of the culture is studied, as well as the connections that various cultures in that language have to our community. Students learn the value of learning another language.
6	TBD	Hale Leadership	The Nathan Hale Leadership class is designed to help student leaders learn the fundamentals of effective leadership. Focusing on strength, students will identify, examine and hone their strengths as a leader, with special emphasis placed on how their strengths can be best utilized in individual and group settings. The class will highlight various components of effective leadership,

			such as the principles of goal setting, decision making, time management and meeting facilitation. Students will practice skills designed to help them excel as individuals, in one-on-one situations, and as members and leaders of a group. Focus will be placed upon students assuming leadership roles within Nathan Hale classes and extra-curricular programs and activities, as well as in the greater community as a whole.
6	130881	Digital Media	Students will enhance their understanding of digital media related concepts and skills through the development and maintenance of the school web site. Various software packages such as Adobe PhotoShop, Macromedia Dreamweaver and Flash will be used in the design and development of graphics, computer animation, and web based documents. Students will explore the impact of digital media in today's society and research careers related to the field.
6	TBD	MS Lifetime Fitness	This course is designed to help the student understand and apply the concepts and skills of fitness activities while understanding the importance of conditioning and exercise. These courses will concentrate on improving the strength, endurance and knowledge of fitness concepts. This will be accomplished through instruction of the skills and concepts of fitness. The OPS Physical Education Content Standards encompassed in these courses will be #1, #2, #3, #4 and #5.
6	195041 & 195042	Band GR 6	This course is a band ensemble for sixth grade students who are continuing instruction on a brass, woodwind, or percussion instrument. Basic music concepts will be advanced as the student learns to read music and develop skill in playing their instrument of choice. A method book is used as the lesson guide. Performances will be required. Prerequisite: one year previous instruction.
6	195021 & 195022	Strings GR 6	This course is the string ensemble for sixth grade students who are continuing instruction on violin, viola, cello or string bass. Basic music concepts will be advanced as the student learns to read music and develop skill in playing their instrument of choice. A method book is used as the lesson guide. Performances will be required. Prerequisite: two years previous instruction (5th grade).
6	195081 & 195082	Chorus GR 6	In this course sixth grade students will continue to develop their skill for reading and singing two and three-part octavo music. This emphasis is on vocal ensemble performance. There will be required performances.
6	195061	General Music 6	In this course sixth grade students will explore music as part of everyday life, including studying various styles, understanding musical elements and experimenting with aspects of performance.

7th Grade Electives

Grade	Course Number	Course Name	Description
7	130071	Intro. to Computer Sci. 7	This seventh-grade course will explore the basics of computer science and design. Concepts will include computational thinking, collaboration through technology, computing practice and programming, media design principles, media development, ethical use of technology and its impact to the community.
7	TBD	Intro. to Design 7	Standard 1: Evaluate media (websites) for accuracy, authority, objectivity, currency and coverage. Standard 2: Analyze the design process in regards to audience, layout, purpose, and current standards of media (web development). Standard 3: Learn to read and write in the Hypertext Markup Language (HTML) for a purpose. Standard 4: Understand and apply design elements to various media including CSS to format web page elements. Standard 5: Explore how HTML/CSS is paired with other languages for website development.
7	038402	MS Service Learning	This course for 7th grade students and is a hands-on study of the practice and intent of service learning, the integration of community service, and related academic study. Students will spend one semester actively developing, planning, implementing, and evaluating service learning experience. Principles of civic engagement will be added to provide students with a well-rounded learning experience. Teachers are advised to have attended the UNO Service Learning Academy or received training in service learning or project based learning.
7	025061	Journalism 7	This course focuses on introducing students to the print aspect of journalism. Students will take part in developing, writing, revising, editing and publishing print materials ranging from brochures to a school newspaper and yearbook. Based in the belief that the more one writes, the better one writes, this is first and foremost a lab for writing. Distinguishing between and among the different purposes one has for writing will be the primary basis for this class.
7	170051	Exploring Robotics 1	Exploring Robotics 1 is an introduction to robotics, engineering, programming, team dynamics and technical drafting.
7	110071	Art 7	Throughout this course, students will experience a wide variety of artistic materials and examine the artistic communication and expression of identity by several artists, past and present. Aesthetic theories of Expressionism and Imitationalism will also be studied in depth. As they do so, they will be creating their own artwork about personal identity.
7	010961 & 010962	Honors Special Projects 7 *will be placed by administration	This course offers a wide variety of experiences that align with gifted and talented programming standards. Learning opportunities meet grade level objectives in problem-solving, critical thinking, creative thinking, inquiry, cultural proficiency, metacognition and affective skills.
7	TBD	Exploring Business 7	This eighth grade course is designed to provide a greater understanding of the knowledge and skills needed in the Business, Marketing, and Management Career Field. Students will learn entrepreneurship concepts, the role of business in society, and begin researching individual business interests. This course may utilize discussion activities, guest speakers, simulated job experiences, hands-on activities and business-related field trips.
7	130011	Computer Apps II	After taking Computer Apps I, this middle-level course is designed to emphasize digital citizenship, basic computer operations, word processing applications, spreadsheet applications, presentation applications, and technology communication tools. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a formal presentation.

7	170091	Tech & Living 7	This course is a unique exploratory course for 7th students. A blend of innovative units from both the Industrial Technology and Family and Consumer Science curriculum are taught by staff from either discipline. Students are provided an opportunity to investigate a number of activities based on learning units in a state-of-the-art laboratory. Pairs of students work cooperatively through a seven-day Technology and Living Unit. Students independently choose from areas such as computer-aided design (CAD), clothing, structures, foods, lasers, housing, electricity/electronics, consumerism, robotics, childcare, research and design, and family.
7	160501	Spanish 1	This course in World Languages at the first year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.
7	060851	Science Scholars	Science Scholars directly exposes the student to scientific research. Students will independently and/or collaboratively investigate and develop a science project during the course of the school year. Independent research, problem solving techniques, and the principles of scientific investigation will be studied and applied. Students will also have the opportunity to enter their projects in local, state, and national science competitions.
7	TBD	MS Lifetime Fitness	This course is designed to help the student understand and apply the concepts and skills of fitness activities while understanding the importance of conditioning and exercise. These courses will concentrate on improving the strength, endurance and knowledge of fitness concepts. This will be accomplished through instruction of the skills and concepts of fitness. The OPS Physical Education Content Standards encompassed in these courses will be #1, #2, #3, #4 and #5.
7	190531 & 190532	Intermediate Band	This course is offered to seventh grade students who began instrumental music instruction in their respective elementary schools or for eighth grade students who began instrumental music in seventh grade beginning band. Instrumental technique and musical understanding focus on the second volume of standard instrumental studies and appropriate band arrangements. Performance is included as an extension of the classroom activities.
7	190721 & 190722	Intermediate Strings	This course is offered to seventh and eighth grade students who have successfully completed several years study. Instrumental technique and musical understandings focus on standard string method studies and appropriate string orchestra selections. The instrumentation includes violin, viola, cello and string bass. Students with previous instrumental experience may begin changeover instruction on the low string instruments. Performance may be included as an extension of classroom activities.
7	190061 & 190062	Chorus 7	Chorus 7 is available to seventh grade students who have special interests and abilities in choral singing. Vocal skills are introduced through appropriate unison, two and three-part singing. Musical independence is encouraged through increasing emphasis on musical notation. Performance opportunities are an extension of the classroom experience.
7	190021	Music Exploration 7	This course extends the sequential development and expands the scope of musical concepts and skills introduced in elementary grades by singing, listening, creating rhythmic activity, musical notation, and playing instruments. World folk and classic styles are explored, and music from many genres is performed in the classroom.

8th Grade Electives

Grade	Course Number	Course Name	Description
8	TBD	Exploring Business 8	This eighth grade course is designed to provide a greater understanding of the knowledge and skills needed in the Business, Marketing, and Management Career Field. Students will learn entrepreneurship concepts, the role of business in society, and begin researching individual business interests. This course may utilize discussion activities, guest speakers, simulated job experiences, hands-on activities and business-related field trips.
8	130081	Intro. to Computer Sci. 8	This eighth-grade course will continue to develop knowledge and skills in computer science and design. Students will apply coding and computing skills to solve problems and address real-world challenges. The course will include a focus on designing, creating, editing, and presenting ideas through design to communicate information to multiple audiences.
8	TBD	Intro. to Design 8	Standard 1: Evaluate media (websites) for accuracy, authority, objectivity, currency and coverage. Standard 2: Analyze the design process in regards to audience, layout, purpose, and current standards of media (web development). Standard 3: Learn to read and write in the Hypertext Markup Language (HTML) for a purpose. Standard 4: Understand and apply design elements to various media including CSS to format web page elements. Standard 5: Explore how HTML/CSS is paired with other languages for website development.
8	038411	GR8 MS Service Learning	This course is a hands-on study of the practice and intent of service learning, the integration of community service, and related academic study for 8th grade. Students will spend one semester actively developing, planning, implementing, and evaluating service learning experience. Principals of civic engagement will be added to provide students with a well-rounded learning experience. Teachers are advised to have attended the UNO Service Learning Academy or received training in service learning or project based learning.
8	025071	Journalism 8	The course will provide students with the opportunity to further develop skills in video capture and editing, and all aspects of producing videos. Students will create and edit graphics, sound, and special effects to be incorporated into video productions. Students will be required to work independently and in small teams to produce commercials, public service announcements, and short features. Students will create storyboards, write and rewrite shooting scripts, record and edit projects.
8	170081	Exploring Robotics 2	Exploring Robotics 2 is an introduction to robotics, engineering, programming, team dynamics and technical drafting.
8	110101	Art 8	This course allows students to be innovative and on their own experiences as many American artists have and do today. American artists were and are on the forefront of shaping America's identity through recording the human experience in innovative ways. Throughout this course, students will continue to develop their artistic voice and style and explore how they do and will play a part in society. Students will examine art and artists throughout American history focusing on America's diversity and influence. Aesthetic theories of Instrumentalism, Expressionism and Formalism will be studied as well.
8	010971 & 010972	Honors Special Projects 8 *will be placed by administration	This course offers a wide variety of experiences that align with gifted and talented programming standards. Learning opportunities meet grade level objectives in problem-solving, critical thinking, creative thinking, inquiry, cultural proficiency, metacognition and affective skills.
8	130021	Computer Apps III	After taking Computer Apps II, this middle-level course is designed to emphasize digital citizenship, basic computer operations, word processing applications, spreadsheet applications, presentation

			applications, and technology communication tools. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a formal presentation.
8	170111	Tech & Living 8	This course is a unique exploratory course for 8th students. A blend of innovative units from both the Industrial Technology and Family and Consumer Science curriculum are taught by staff from either discipline. Students are provided an opportunity to investigate a number of activities based on learning units in a state-of-the-art laboratory. Pairs of students work cooperatively through a seven-day Technology and Living Unit. Students independently choose from areas such as computer-aided design (CAD), clothing, structures, foods, lasers, housing, electricity/electronics, consumerism, robotics, childcare, research and design, and family.
8	160502	Spanish 2	This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.
8	060852	Science Scholars	Science Scholars directly exposes the student to scientific research. Students will independently and/or collaboratively investigate and develop a science project during the course of the school year. Independent research, problem solving techniques, and the principles of scientific investigation will be studied and applied. Students will also have the opportunity to enter their projects in local, state, and national science competitions.
8	TBD	MS Lifetime Fitness	This course is designed to help the student understand and apply the concepts and skills of fitness activities while understanding the importance of conditioning and exercise. These courses will concentrate on improving the strength, endurance and knowledge of fitness concepts. This will be accomplished through instruction of the skills and concepts of fitness. The OPS Physical Education Content Standards encompassed in these courses will be #1, #2, #3, #4 and #5.
8	190741 & 190742	Advanced Strings Orchestra	This course is offered to eighth grade students who have demonstrated advanced ability in playing a string instrument. Technique studies and selected concert music advance both technical and musical understandings. The instrumentation includes violin, viola, cello and string bass. Membership is achieved by the recommendation of the instructor or successful completion of Intermediate Strings. Performance is included as an extension of the classroom activities outside of the school day.
8	190551 & 190552	Advanced Band	This course is offered to seventh and eighth grade students with advanced abilities secured through several years of instrumental music participation. Music introduced includes technique studies and selected concert music with full instrumentation appropriate to the classes and ability. Membership is achieved by the recommendation of the instructor. Performance is included as an extension of the classroom activities.
8	190101 & 190102	Chorus 8	Chorus 8 is available to eighth grade students who have special interests and abilities in choral singing. Choral music is introduced in two and three parts that include bass clef participation. Vocal emphasis is placed on the introduction of the male changing voice and greater extension of all voice ranges. Performance opportunities including the All-City Music Festival are an extension of the classroom experience.
8	190111	Music Explorations 8	This course extends the scope of previously learned musical concepts and skills. Students explore various aspects of singing, listening, creating, notating, and playing. The focus is on contemporary and popular music styles. Student performances are limited to classroom demonstrations.



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PATRIOTS