ELECTIVES – 6th Grade

_____BAND

_____PHYSICAL EDUCATION

_____ DIGITAL TOOLS

_____STEM (Science, Technology, Engineering, Math)

_____ART

_____LEEO (3-year commitment; at the end of the third successful year

students will take the industry certification exam and may earn Microsoft Certification.)

ELECTIVES (DESCRIPTION)

ART - Basic design, drawing, painting, and sculpture techniques will be explored. A concentration on the principles and elements of design, incorporated with art history, will be integrated into various art projects throughout the school year.

STEM – Science, Technology, Engineering and Math will be explored through project-based learning. Students will create a bridge, CO2 Race Car, Rockets, Fundamental Coding with Robots, and design & engineering principals will be taught through MindCraft.EDU

BAND - is composed of students who are learning an instrument for the first time. Members will study and perform beginning band literature and be responsible for various assignments, concerts, and projects that will include time spent outside of normal school hours.

L.E.E.O – Requires a 3-year commitment. Students will earn a Microsoft Office Specialist Certification as well as a High School Credit and Community College Credit at the end of 8th grade. Students will learn Power Point, Microsoft Word and Excel over the 3 years.

PHYSICAL EDUCATION (PE) - is about lifelong fitness and student development, at their own time and pace. This is done through participation in physical activities (team and individual) with an emphasis on the importance of lifelong physical activity.

DIGITAL TOOLS - Teaches the application of digital literacy through an elective course that may be applied across all content areas. Students can learn a variety of computer application skills including the development of a web page or app.

ELECTIVES – 7th Grade

_____BAND

_____ DRONE COURSE

_____PHYSICAL EDUCATION

_____ DEBATE (For High School Credit)

_____STEM (Science, Technology, Engineering, Math)

_____ ART

_____LEEO (Must have taken LEEO in 6th grade and successfully completed the certification exam)

_____ DIGITAL TOOLS

_____ SPANISH 1 (Level 3 or better on FSA exam)

_____ JOURNALISM (Yearbook committee included)

ELECTIVES (DESCRIPTION)

ART - Basic design, drawing, painting, and sculpture techniques will be explored. A concentration on the principles and elements of design, incorporated with art history, will be integrated into various art projects throughout the school year.

STEM – Science, Technology, Engineering and Math will be explored through project-based learning. Students will create a bridge, CO2 Race Car, Rockets, Fundamental Coding with Robots, and design & engineering principals will be taught through MindCraft.EDU (For students who have not already taken STEM in 6th grade)

BAND - is composed of students who are learning an instrument for the first time. Members will study and perform beginning band literature and be responsible for various assignments, concerts, and projects that will include time spent outside of normal school hours.

DRONE COURSE- Students will learn the computer language Python while exploring Drone technology. By the end of the two-year commitment students will leave Bair Middle with a Microsoft Technology Associate (MTA) Certificate in Intro to Python. This is a high school credit course during your 8th grade year.

PHYSICAL EDUCATION (PE) - is about lifelong fitness and student development, at their own time and pace. This is done through participation in physical activities (team and individual) with an emphasis on the importance of lifelong physical activity.

DIGITAL TOOLS - Teaches the application of digital literacy through an elective course that may be applied across all content areas. Students can learn a variety of computer applications as well as develop a web page and app.

SPANISH 1 – This is a High School Level Course. Students should have a Level 3 or above on the Reading FSA

DEBATE – This is a High School Level Course. Students should have a Level 3 or above on the Reading FSA. The course requires some after school participation at Debate Competitions.

JOURNALISM - Introduction to Journalism is a year-long elective course for 7th and 8th grade students. The journalism class is dedicated to the craft of writing, editing, photographing, filming, and documenting life at Bair Middle. Students will be involved with the production of the school yearbook and, in 2020-2021, a student-built news website.

ELECTIVES – 8th Grade

_____BAND

_____ PYTHON CERTIFICATION CLASS (must have taken DRONE prior year)

_____PHYSICAL EDUCATION

_____ DEBATE (For High School Credit)

_____STEM (Science, Technology, Engineering, Math) _____ ART

_____LEEO (Must have taken LEEO in 7th grade and successfully passed certification exam)

_____ COMPUTER SCIENCE (Level 3 or higher/ For High completed the School Credit).

_____ SPANISH 1 (Level 3 or better on FSA ELA exam)

_____ JOURNALISM (Yearbook committee included).

_____SPANISH 2 (Must have passed Spanish 1 with an A or B).

ELECTIVES (DESCRIPTION)

ART - Basic design, drawing, painting, and sculpture techniques will be explored. A concentration on the principles and elements of design, incorporated with art history, will be integrated into various art projects throughout the school year.

STEM – Bair Middle's Innovative Program. Science, Technology, Engineering and Math is part of a school-wide implementation but can be taken as a more focused elective in one of two ways. Option 1: Students will create a bridge, CO2 Race Car, Rockets, Fundamental Coding with Robots, and design & engineering principals will be taught through MindCraft.EDU (for students Level 3 or above in ELA & Math who have not already taken Bair STEM in a prior grade); Option 2: Students receive fun and engaging, hands-on opportunities, participate in virtual field trips and more, while enjoying project-based learning opportunities that motivate and inspire students to build, create, problem-solve, collaborate and foster leadership skills in a technology-based environment.

BAND - is composed of students who are learning an instrument for the first time. Members will study and perform beginning band literature and be responsible for various assignments, concerts, and projects that will include time spent outside of normal school hours.

PHYSICAL EDUCATION (PE) - is about lifelong fitness and student development, at their own time and pace. This is done through participation in physical activities (team and individual) with an emphasis on the importance of lifelong physical activity.

SPANISH 1 – This is a High School Level Course. Students should have a Level 3 or above on the Reading FSA.

SPANISH 2 – This is a required elective for students who took Spanish 1 in 7th grade.

DEBATE – This is a High School Level Course. Students should have a Level 3 or above on the Reading FSA. The course requires some after school participation at Debate Competitions.

COMPUTER SCIENCE – Computer Science Discoveries is an introductory course that empowers students to engage with Computer Science as a medium for creativity, communication, problem solving, and fun. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices. Criteria- Level 3 or higher in both reading and math. GPA of 3.0 or higher.

JOURNALISM - Introduction to Journalism is a year-long elective course for 7th and 8th grade students. The journalism class is dedicated to the craft of writing, editing, photographing, filming, and documenting life at Bair Middle. Students will be involved with the production of the school yearbook and, in 2018-2019, a student-built news website.

PYTHON CERTIFICATION COURSE - Learn the computer language Python while exploring Drone technology. By the end of the two-year commitment, you will leave Bair Middle with a Microsoft Technology Associate (MTA) Certificate in Intro to Python. This is a high school credit course in your 8th grade year. (Students MUST have successfully completed the 7th grade Drone Course.)