

Grade 8 Grade Elective Form – Class 2024

Student Name _____
(Last, First)

REQUIRED CLASSES FOR ALL 8TH GRADERS:

- Earth Science
- 8th Grade English
- 8th Grade Social Studies
- 8th Fitness, Movement, Sport and Health
- Computer Applications (1 semester)
- Elective Choice (See list below)
- Math

ELECTIVE CHOICES FOR 8TH GRADERS:

| Full Year Courses (Choose 1) | Semester One Electives (Rank Top Choices 1-3 each semester) | Semester Two Electives (Rank Top Choices 1-3 each semester) |
|--|---|---|
| <input type="checkbox"/> 8th Grade Band | <input type="checkbox"/> Mixed Media Art | <input type="checkbox"/> Drawing & Painting |
| <input type="checkbox"/> 7th/8th Grade Concert Choir | <input type="checkbox"/> Electronics | <input type="checkbox"/> Industrial Technology |
| <input type="checkbox"/> 8th Grade Orchestra | <input type="checkbox"/> Leadership | <input type="checkbox"/> Leadership |
| <input type="checkbox"/> Spanish I (1st period) | <input type="checkbox"/> Theater | <input type="checkbox"/> Theater |
| | <input type="checkbox"/> Gateway | <input type="checkbox"/> Gateway |
| Full Year Zero Period (Open to all) | <input type="checkbox"/> Biomedicine | <input type="checkbox"/> Biomedicine |
| <input type="checkbox"/> French I | <input type="checkbox"/> World Cultures | <input type="checkbox"/> World Cultures |
| | <input type="checkbox"/> Study Skills | <input type="checkbox"/> Study Skills |
| | <input type="checkbox"/> Communication & Media | <input type="checkbox"/> Communication & Media |
| | <input type="checkbox"/> Teacher's Assistant (TA) } Only Choose One | <input type="checkbox"/> Teacher's Assistant (TA) } Only Choose One |
| | <input type="checkbox"/> Office Aide } Only Choose One | <input type="checkbox"/> Office Aide } Only Choose One |

I have reviewed & approved these course choices. I have read the course description for these courses. My signature acknowledges that I understand that classes identified for high school credit (Algebra 1) will be posted on a high school transcript with the earned letter grade.

Sign Here: _____
PARENT SIGNATURE REQUIRED

REQUIRED EIGHTH GRADE CLASSES

2019-2020

MATH OPTIONS:

MATH 8: This course includes the following: The language of algebra, integers, addition and subtraction equations, multiplication and division equations, proportional reasoning and probability, functions and graphs linear equations, powers and roots, polynomial, factoring, quadratic and exponential functions, inequalities, systems of equations and inequalities radical expressions and rational expressions and equations.

ALGEBRAIC CONCEPTS: This course teaches in depth the 8th grade mathematical standards that are aligned with Common Core.

ALGEBRA I: This **high school credited** course includes the following: the language of algebra, real numbers, solving linear equations, graphing relations and functions, analyzing linear equations, solving linear inequalities, solving systems of linear equations and inequalities, polynomial, factoring, quadratic and exponential functions, radical expressions and triangles, rational expressions and equations, statistics, and probability. The grade in this class will be included on the high school transcript.

GEOMETRY: This **high school credited class** teaches reasoning skills in the context of relationships between and about figures such as lines, angles, triangles, circles, etc., and an introduction to trigonometry. From a small number of basic truths, the students are asked to conclude, and verify by proof, a large number of hypotheses. Students will develop formulas and use constructions to aid in understanding geometric figures. The grade in this class will be included on the high school transcript.

ENGLISH: Self-expression through writing (particularly working towards mastery of the argumentative and narrative forms) dominates instruction in the eighth grade. Additionally, students will read from a wide range of literature, poems and plays with a focus on analysis of the writer's purpose and incorporating text evidence into student writing.

SOCIAL STUDIES: This subject will provide an emphasis on US history and government (primarily, but not limited to, 19th century history).

EARTH SCIENCE: In this yearlong lab based course, students will seek to understand the systems within and on planet earth. We will also examine how our planet is connected to the solar system. The three units in this course will be geology, meteorology and astronomy.

COMPUTER APPLICATIONS: This class satisfies a Pullman High School graduation requirement designed to introduce students to workplace technology. This course explores educational plan development, career exploration, and communication skills by using technology in a business setting. Using Microsoft Office 2016, students will learn introductory word processing, spreadsheets, database, presentations, and graphic applications. Students are also expected to master basic keyboarding skills. The class will also give students the opportunity to explore post-high school education and employment options by completing the Washington State required High School & Beyond Plan.

FITNESS, MOVEMENT, SPORT & HEALTH (FMSH): The purpose of Fitness, Movement, Sport and Health at Lincoln Middle School is to create a safe environment for students to take positive risks, evaluate and apply their knowledge in a variety of activities that promote healthy and fit lifestyles, understand the benefit of purposeful movement, learn accurate health information that encourages positive life choices and influences, and demonstrate growth in their knowledge, understanding, and application of the Washington State Physical Education and Health Education Standards and important concepts.

ELECTIVE EIGHTH GRADE CLASSES

2019-2020

SEMESTER-LONG COURSES

LEADERSHIP Leadership focuses on leadership attributes that can be identified, modeled and taught. The class is primarily experiential-learning based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. Students will plan assemblies, fundraisers, and other school activities based on their interests.

COMMUNICATIONS/MEDIA This class produces the Channel 3 News Program. Learned skills will include: video editing, script writing, anchoring, technical work, graphics, and videography. Students will gain valuable technical and leadership experience in broadcast journalism.

MIXED MEDIA ART (1st semester only) Students will work with a variety of materials such as wood, papier mache, recycled materials, collage and more. Topics may include public art, music and visual art, environmental issues, social issues and more. Students will develop works which help them explore their world and their own creative expression.

DRAWING & PAINTING Students will draw from direct observation using a variety of materials such as charcoal, oil, pastel, pen and ink, scratchboard, and color pencils. Fundamentals discussed include composition, perspective, texture, and effective use of line, edges, and value. Also included are painting methods using acrylic and watercolor. Topics will include basic color theory, color mixing composition, and visual communication.

WORLD CULTURES Take a virtual field trip through this elective to many countries of the world and learn to respect other people whether they are neighbors or live across the ocean. Students will gain respect for their own heritage and national personality through readings, videos, class discussions, and instructional activities.

ELECTRONICS Students will be introduced to the world of electricity, its properties, uses, safety considerations and testing equipment. The course will begin with the atomic theory of electricity and a look at insulators, conductors and semi-conductors. Students will learn about AC, DC, circuits, voltage, resistance and current as well as electronic components such as resistors, LEDs, diodes, transistors, capacitors. The primary instructional method will be hands-on learning with multiple projects and soldering. The course will also cover an introduction to digital technologies and computer languages.

TEACHER'S AIDE, OFFICE AIDE, or LIBRARY AIDE A limited number of aide positions are available with classroom or office staff. Teachers Aides or Office Aides are expected to assist staff in a responsible and independent manner. Specific duties vary depending on the staff assignment. Placement priority will first be granted to 8th graders.

INDUSTRIAL TECHNOLOGY Students will learn about the world of nanotechnology, materials science, innovation, engineering and design through a series of hands-on projects and self-guided learning. Engineering teams will design and construct a variety of projects such as bridges, motorized cranes, self-powered vehicles and gliders. Students will be introduced to computer-aided design software and will have the opportunity to design and print models on a 3D printer.

STUDY SKILLS: This class will use a variety of resources to teach organization, study techniques and self-advocacy skills. This period will be used as an intensive support period. Skills will include using Student Access/Skyward to track assignments, time management and prioritizing, homework and classroom support, using HOPS (Homework Organization and Planning), agenda use, and how to effectively communicate with teachers.

THEATER: Students will work on individual acting and speaking skills in order to improve their overall performance. Focus will be on body language, gesture, and facial expression, as well as elements of stage and public speaking voice. Students will learn stage terminology and will learn how to add power to their words. Students will have opportunity for improvisational and scripted in-class performances, and will also have the opportunity to perform in front of an audience. Acting opportunity will take place in large group, small group and individual performance.

GATEWAY TO TECHNOLOGY: An activities-based, hands-on learning program designed to challenge and engage the natural curiosity of students. This course delves into technological aspects of biotechnology, neuroscience and robotics with projects that emphasize the development of basic knowledge and problem solving skills.

BIOMEDICINE: In this course, students will investigate the various aspects of biotechnology, neuroscience and medicinal plants including relevant career choices. This STEM class will utilize a hands-on approach in which students will explore these topics from a medical perspective.

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ELECTIVE EIGHTH GRADE CLASSES

2019-2020

YEAR-LONG COURSES:

SPANISH I This is a class for **high school credit**. It is designed for students interested in learning to understand, speak, read, and write the Spanish language. Emphasis is on building vocabulary and introducing basic language structure necessary to communicate in practical situations.

FRENCH I This class is for **high school credit**. It is an introductory course for students interested in learning to understand, speak, read, and write the French language. Emphasis is on building vocabulary and introducing the basic language structures necessary to communicate in practical situations.

CONCERT CHOIR 7/8 Concert choir will offer students an academic and choral experience devoted to training in vocal production, rhythmic styles, and ensemble singing. The widest selection of choral literature will be used, some of which is selected by students.

ORCHESTRA 7/8 This class is for continuing string players are the primary emphasis of this course. Rhythm, music reading and coordination, ensemble, a range of new keys, and responsible group membership are stressed. Performances include a fall and spring concert as well as in-school assemblies and music festivals/trips.

BAND 8: This class continues the goals and objectives of seventh grade band. Students will learn advanced concepts regarding tone production, rhythm, intonation, musical styles, and technical aspects of the instruments.