

The Class of 2030



Leota Middle School 7th Grade Courses 2024-2025
Escuela Intermedia Leota – Cursos de 7to Grado

ENGLISH

English/Language Arts 7 (Course Code: ENG700A&B)

Course length: Full Year

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in 6th Grade, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work.

The 7th grade E/LA SpringBoard curriculum extends the development of reading, composition, and speaking skills. Seventh grade course materials center upon the theme of **Choice**. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary studies of a novel. Seventh graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

Inglés/Artes del Lenguaje 7 (Códigos de curso: ENG700A&B)

Duración del curso: Todo el año

Esta materia se basa en aprendizajes previos de los Estándares Básicos Comunes Estatales para Inglés/Artes del Lenguaje (E/LA) impartidos en el 6to grado. Prepara a los estudiantes para los exámenes Más Inteligentemente Balanceados y establece las habilidades necesarias para una progresión exitosa a los siguientes niveles de la materia E/LA.

El plan de estudios E/LA Springboard para el 7mo grado amplía el desarrollo de la lectura, composición y habilidades orales. Los materiales de instrucción del 7mo grado se centran sobre el tema de **Elegir**. A través del uso de estrategias de cursos colocación avanzada, conocidos como AP, se les imparte a los estudiantes el análisis de aspectos literarios complejos de ficción y no ficción en varios géneros, incluyendo estudios literarios más prolongados de una novela clásica. Los estudiantes de esta materia se esfuerzan por ampliar sus habilidades de composición al responder a temas analíticos de la escritura. Los estudiantes participan de manera activa en discusiones basadas en textos y en estudios de vocabulario para mejorar sus habilidades en escritura, lectura y expresión oral. Cada unidad culmina en dos evaluaciones amplias e integrales.

Challenge English/Language Arts 7 (Course Code: ENG750A&B)

Course length: Full Year

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in 6th grade, prepares students for the Smarter Balance State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work.

The 7th grade E/LA SpringBoard curriculum extends the development of reading, composition, and speaking skills. Seventh grade course materials center upon the theme of **Choice**. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary studies of a novel. 7th graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

In addition to the course description, students taking this course must exhibit strong writing skills, have excellent reading comprehension, and be self-motivated in completing class work. The Challenge 7th Grade E/LA class may move at a faster pace and include additional novels to be read independently by the student.

Inglés/Artes del Lenguaje 7, Curso de alta exigencia (Códigos de curso: ENG750A&B)

Duración del curso: Todo el año

Los estudiantes se pueden inscribir a esta materia a través del proceso de auto-selección de materias. Esta materia se basa en aprendizajes previos de los Estándares Básicos Comunes Estatales para Inglés/Artes del Lenguaje (E/LA) impartidos en el 6^{to} grado. Prepara a los estudiantes para los exámenes Más Inteligentemente Balanceados y establece las habilidades necesarias para una progresión exitosa a los siguientes niveles de la materia E/LA.

El plan de estudios E/LA Springboard para el 7^{mo} grado amplía el desarrollo de la lectura, composición y habilidades orales. Los materiales de instrucción del 7^{mo} grado se centran sobre el tema de **Elegir**. A través del uso de estrategias de cursos colocación avanzada, conocidos como AP, se les imparte a los estudiantes el análisis de aspectos literarios complejos de ficción y no ficción en varios géneros, incluyendo estudios literarios más prolongados de una novela clásica. Los estudiantes de esta materia se esfuerzan por ampliar sus habilidades de composición al responder a temas analíticos de la escritura. Los estudiantes participan de manera activa en discusiones basadas en textos y en estudios de vocabulario para mejorar sus habilidades en escritura, lectura y expresión oral. Cada unidad culmina en dos evaluaciones amplias e integrales.

Adicional a la materia descrita arriba, los estudiantes que cursen esta materia deberán demostrar tener fuertes habilidades de escritura, excelente comprensión de la lectura y estar auto-motivados a completar su trabajo de clase. Esta materia E/LA de alta exigencia para el 7^{mo} grado se mueve a un ritmo más rápido e incluye novelas que deben ser leídas de manera independiente por el estudiante.

Advanced Academics Program (AAP) English/Language Arts 7

(Course Code: ENG755A&B)

Course length: Full Year

Students must qualify for placement by participating in the EAP program in elementary school or through the NSD highly capable screening and testing process. This is not a self-select course; students will be individually scheduled for this course.

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in 6th grade, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work.

The 7th grade E/LA SpringBoard curriculum extends the development of reading, composition, and speaking skills. 7th grade instructional materials center upon the theme of **Choice**. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary studies of a class novel and includes a selection of novels students can choose for independent reading. S e v e n t h graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to expand their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

In addition to the previous 7th Grade E/LA course descriptions, students taking this course must exhibit strong writing skills, have excellent reading comprehension, and be self-motivated in completing class work. The AAP 7th Grade E/LA class may move at a faster pace and include additional novels to be read independently by the student.

Programa académico avanzado (AAP) de Inglés/Artes del Lenguaje 7

(Códigos de curso: ENG755A&B)

Duración del curso: Todo el año

Los estudiantes deben calificar para ser aceptados al participar en el programa EAP en la escuela primaria o a través de la valoración NSD de estudiantes altamente capaces y el proceso de examinación relacionado. Este no es un curso electivo o de auto-elección. Los estudiantes serán programados de manera individual para este curso.

Esta materia se basa en aprendizajes previos de los Estándares Básicos Comunes Estatales para Inglés/Artes del Lenguaje (E/LA) impartidos en el 6to grado. Prepara a los estudiantes para los exámenes Más Inteligentemente Balanceados y establece las habilidades necesarias para una progresión exitosa a los siguientes niveles de la materia E/LA.

El plan de estudios E/LA Springboard para el 7mo grado amplía el desarrollo de la lectura, composición y habilidades orales. Los materiales de instrucción del 7mo grado se centran sobre el tema de **Elegir**. A través del uso de estrategias de cursos colocación avanzada, conocidos como AP, se les imparte a los estudiantes el análisis de aspectos literarios complejos de ficción y no ficción en varios géneros, incluyendo estudios literarios más prolongados de una novela clásica. Los estudiantes de esta materia se esfuerzan por ampliar sus habilidades de composición al responder a temas analíticos de la escritura. Los estudiantes participan de manera activa en discusiones basadas en textos y en estudios de vocabulario para mejorar sus habilidades en escritura, lectura y expresión oral. Cada unidad culmina en dos evaluaciones amplias e integrales.

Adicional a la materia descrita arriba, los estudiantes que cursen esta materia deberán demostrar tener fuertes habilidades de escritura, excelente comprensión de la lectura y estar auto-motivados a completar su trabajo de clase. Esta materia E/LA de alta exigencia para el 7mo grado se mueve a un ritmo más rápido e incluye novelas que deben ser leídas de manera independiente por el estudiante.

HEALTH & FITNESS

Health & Fitness 7 (Course Code: PHF700)

Course length: One Semester (Required)

Equipment required: T-Shirt, Shorts & Athletic Shoes

(Tops ~ Solid gray colored only / Bottoms ~ Solid gray or black—No logos, graphics, etc.)

Health and Fitness will emphasize health-related fitness, sports' skills and lifetime activities. Students will participate in a variety of team and individual sports/activities. Grade level includes a fitness awareness program and a weekly fitness run or fitness related activity. Through participation in this course students will be working to satisfy the district and state The Class of 2022 Health and Fitness standards.

This course may include, but is not limited to the following Team and Individual Sports/Activities:

Archery	Volleyball	Dance
Badminton	Track and Field	Disc Sports
Basketball	Softball	Fitness
Bowling	Soccer	Hockey
Conditioning	Organized Games	Lacrosse
Vzing	Weight Training	Wrestling

MATHEMATICS

Pre-Algebra I (Course Code: MAT670A/B)

Length: Full Year

Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators may be used.

This course is the first year of a two-year sequence that compresses all of the Common Core State Standards for 6th grade math, 7th grade math, and 8th grade math in two years, focusing primarily on 6th and some 7th grade math standards. In Pre-Algebra 1, students build on their knowledge of numbers as they explore four critical areas of mathematics. Ratios and Proportional Reasoning: Connect ratio and rate to whole number multiplication and division, and using concepts of ratio and rate to solve problems; The Number System: Complete understanding of division of fractions, extend the notion of number to the system of rational numbers, which includes negative numbers, and apply and extend understandings of operations with fractions to add, subtract, multiply, and divide rational numbers; Expressions and Equations: writing, interpreting, and using expressions and equations; and Statistics and Probability: Develop understanding of statistical thinking.

Pre-Algebra I (Código de curso: MAT670A/B)

Duración del curso: Todo el año

Equipo: Se requiere de una calculadora científica. Se puede usar la calculadora para gráficas de Texas Instrument TI-83 o TI-84.

Este curso es el primer año de una secuencia de dos años. El Curso comprime todos los Estándares Estatales Esenciales Comunes para matemáticas de 6° grado, matemáticas de 7° grado y matemáticas de 8° grado en dos años. El curso se centra principalmente en los estándares de matemáticas de 6° y algunos de 7° grado. En Preálgebra 1, los estudiantes desarrollan su conocimiento de los números mientras exploran cuatro áreas críticas de las matemáticas. Razones y razonamiento proporcional: conectar la razón y la tasa con la multiplicación y división de números enteros y usar conceptos de razón y tasa para resolver problemas; El sistema numérico: comprensión completa de la división de fracciones, extender la noción de número al sistema de números racionales, que incluye números negativos, y aplicar y ampliar la comprensión de operaciones con fracciones para sumar, restar, multiplicar y dividir números racionales; Expresiones y ecuaciones: escribir, interpretar y usar expresiones y ecuaciones; y Estadística y probabilidad: desarrollar la comprensión del pensamiento estadístico.

Pre-Algebra 2 (Course Code: MAT780A/B)

Length: Full Year

Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators may be used.

This course is the second year of a two-year sequence that compresses all of the Common Core State Standards for 6th grade math, 7th grade math, and 8th grade math in two years, focusing primarily on 7th and 8th grade math standards. In Pre-Algebra 2, students build on their knowledge of numbers as they explore five critical areas of mathematics. Ratios and Proportional Reasoning: developing understanding of and applying proportional relationships; Expressions and Equations: formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; Functions: grasping the concept of a function and using functions to describe quantitative relationships; Geometry: solving problems involving scale drawings and informal geometric constructions, analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. Statistics and Probability: drawing inferences about populations based on samples.

Pre-Algebra 2 (Código de curso: MAT780A/B)

Duración del curso: Todo el año

Equipo: Se requiere de una calculadora científica. Se puede usar la calculadora para gráficas de Texas Instrument TI-83 o TI-84.

Este curso es el segundo año de una secuencia de dos años. El Curso comprime todos los Estándares Estatales Esenciales Comunes para matemáticas de 6° grado, matemáticas de 7° grado y matemáticas de 8° grado en dos años. El curso se enfoca principalmente en los estándares de matemáticas de 7° y 8° grado. En Preálgebra 2, los estudiantes desarrollan su conocimiento de los números mientras exploran cinco áreas críticas de las matemáticas. Razones y razonamiento proporcional: desarrollar la comprensión y aplicar relaciones proporcionales; Expresiones y ecuaciones: formular y razonar sobre expresiones y ecuaciones, incluido modelar una asociación en datos bivariados con una ecuación lineal y resolver ecuaciones lineales y sistemas de ecuaciones lineales; Funciones: comprender el concepto de función y usar funciones para describir relaciones cuantitativas; Geometría: resolver problemas que involucran dibujos a escala y construcciones geométricas informales, analizar espacios y figuras bidimensionales y tridimensionales usando distancia, ángulo, similitud y congruencia, y comprender y aplicar el teorema de Pitágoras. Estadística y probabilidad: hacer inferencias sobre poblaciones a partir de muestras.

Algebra 1 (HS Course Code: MAL100A&B)

Prerequisite: Completion of

*7th Grade Challenge Math; **OR***

*Completion of Pre-Algebra 2 **OR***

Completion of an 8th Grade Accelerated Summer Math Course.

*Students considering this option should contact their school counselor; **OR***

Completion of a 7th Grade Challenge or Pre-Algebra 2 Summer Math Course.

*Students considering this option should contact their school counselor; **OR***

Qualifying score on Algebra Readiness Assessments

Course length: Full Year/One (1.00) Credit

Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.

This course expands on the student's understanding of using arithmetic operations and properties to include the symbolic language of Algebra. Students will formalize their understanding of functions with a focus on linear functions, exponential functions and quadratic functions. Other topics that will be studied are writing equations to model linear equations, solving systems of linear equations and inequalities, solving quadratic equations with real roots, exponent laws and properties, arithmetic and geometric sequences, patterns of association in bivariate data, and the Pythagorean Theorem. Students will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

Álgebra 1 (Código de curso del secundaria: MAL100A&B)

Prerrequisitos: Completar el curso Holt ó

Matemáticas 7 de alta exigencia (Challenge) ó

Completar un curso de matemáticas en verano de 8vo grado acelerado. Los estudiantes considerando esta opción deberán contactarse con su consejero escolar, ó

Completar un curso de matemáticas en verano de 7mo grado acelerado (challenge). Los estudiantes considerando esta opción deberán contactarse con su consejero escolar, ó

Tener un puntaje que lo califique en sus pruebas de Preparación para Álgebra (Algebra readiness).

*Duración/Crédito: Todo el año/ **1.0 crédito***

Equipo: Se requiere tener una calculadora científica. Se recomienda ampliamente tener la calculadora para gráficas de Texas Instrument TI-83 o TI-84.

Esta materia expande el entendimiento del estudiante en su uso de operaciones aritméticas y sus propiedades para incluir el lenguaje simbólico del álgebra. Los estudiantes formalizarán su entendimiento con un enfoque en las funciones lineales, funciones exponenciales y las funciones cuadráticas. Otros temas que serán estudiados son la redacción de las ecuaciones para modelar ecuaciones lineales, resolver sistemas de ecuaciones lineales y desigualdades, resolver ecuaciones cuadráticas con raíces reales, las leyes de los exponentes y sus propiedades, las secuencias aritméticas y geométricas, patrones de asociación en datos bivariantes y el teorema de Pitágoras. Los estudiantes continuarán desarrollando sus habilidades en la solución de problemas, razonamiento y comprobación y en la comunicación y modelos matemáticos que están alineados a los estándares para práctica matemática.

Geometry (HS Course Code MGE100A&B)

Prerequisite: Algebra I

Course Length: Full Year/One (1.00) Credit

Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.

This course is the second math course in the high school math sequence, following Algebra 1, and addresses the Common Core State Standards for high school mathematics. Students will formalize their reasoning skills to write proofs built on definitions, axioms, and theorems. Students will study parallel and perpendicular lines, triangle properties, quadrilateral properties, and properties of other polygons and circles. Other topics that will be studied are similar and congruent figures, right triangle trigonometry, coordinate geometry, geometric transformations, area, surface area and volume of three-dimensional figures. Students will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

Geometría (Códigos de curso del secundaria: MGE100A&B)

Prerrequisitos: Álgebra 1

Duración/Crédito: Todo el año/ 1 crédito

Equipo: Se requiere tener una calculadora científica. Se recomienda ampliamente tener la calculadora para gráficas de Texas Instrument TI-83 o TI-84.

Esta materia es la segunda de la secuencia de cursos de matemáticas de la preparatoria, seguida de Álgebra 1. Cumple con los estándares estatales Comunes Básicos para las matemáticas de la preparatoria. Los estudiantes formalizarán sus técnicas de razonamiento al escribir comprobaciones basadas en definiciones, axiomas y teoremas. Estudiarán las líneas paralelas y perpendiculares, las propiedades de los triángulos, de los cuadriláteros y las de otros polígonos y los círculos. Otros temas que se estudiarán son: figuras congruentes, trigonometría del triángulo rectángulo, geometría coordinada, transformaciones geométricas, área, superficie y volumen en los objetos tridimensionales. Los estudiantes continuarán desarrollando sus habilidades en la solución de problemas, razonamiento y comprobación y en la comunicación y modelos matemáticos que están alineados a los estándares para práctica matemática.

Algebra II/Trigonometry (HS Course Code MAL180A&B)

Prerequisite: Completion of Geometry

Course length: Full Year/One (1.0) Credit

Equipment: A scientific calculator is required.

The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.

Diploma Category: M3 (M1) Students need to be highly self-motivated, as this course is designed for a student preparing to complete AP Prep/IB/College in the High School Pre-Calculus Course. Students will expand their understanding of number systems to include complex numbers and will grow more proficient in their use of algebraic techniques. This course focuses on the study of functions: linear, quadratic, exponential, logarithmic, square root, cubic, and those involving inverse variation. Students will study periodic and trigonometric functions. Other topics that will be studied are combinations and permutations, probability, binomial theorem, measures of variability, and geometric and arithmetic sequences and series.

Álgebra II/Trigonometría (Código de curso del secundaria: MAL180A&B)

Prerrequisito: Completar Geometría

Duración/Crédito: Todo el año/ 1.0 crédito

Equipo: Se requiere tener una calculadora científica. Se recomienda ampliamente tener la calculadora para gráficas de Texas Instrument TI-83 o TI-84.

Categoría de diploma: M3 (M1), los estudiantes necesitan estar altamente auto-motivados ya que este curso está diseñado para un estudiante que se está preparando para completar una materia de pre-cálculo a nivel universitario (AP Prep/IB/College). El estudiante expandirá su entendimiento del sistema numérico para incluir números complejos y dominar más su uso de técnicas algebraicas. Este curso se enfoca en el estudio de funciones: lineales, cuadráticas, exponenciales, logarítmicas, raíces cuadradas, cúbicas y las que involucran la variación inversa. Los estudiantes estudiarán funciones periódicas y trigonométricas. Otros temas que se estudiarán son: combinaciones y permutaciones, probabilidad, el teorema del binomio, medidas de variabilidad y secuencias y series geométricas y aritméticas.

SCIENCE

Integrated Science 7 (Course Code: SCI700A&B)

Course Length: Full Year

Based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science, students will engage in science and engineering practices as they learn about disciplinary core ideas through three critical strands--physical science, life science and earth/space science. Specific units of study will include electricity, waves and information transfer, ecosystems and their interactions, and earth's dynamic systems. Students will incorporate cross-cutting concepts (e.g. patterns, systems, etc.) that support scientific understanding and are applicable across science investigations.

Ciencias Naturales Integradas 7 (Código de curso: SCI700A&B)

Duración del curso: Todo el año

El desempeño esperado de esta materia de ciencias naturales de Secundaria está basado en los Estándares de Ciencias Naturales de la Siguiete Generación (Estándares Académicos para el Aprendizaje Estudiantil del Estado de Washington). Con esto, los estudiantes participarán en prácticas de ciencias naturales e ingeniería conforme aprenden a través de tres ramas críticas de la ciencia y de ideas básicas disciplinarias: física, ciencia de la vida y ciencia de tierra y el espacio. Las unidades específicas de estudio incluirán: Electricidad, ondas y transferencia informática, ecosistemas y sus interacciones y sistemas dinámicos de la tierra. Los estudiantes incorporarán conceptos entrelazados de patrones, sistemas, etc. que soportan el entendimiento científico y se aplican en las investigaciones de la ciencia.

Challenge Integrated Science 7 (Course Code: SCI750A&B)

Course Length: Full Year

Based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science, students will engage in science and engineering practices as they learn about disciplinary core ideas through three critical strands--physical science, life science and earth/space science. Specific units of study will include electricity, waves and information transfer, ecosystems and their interactions, and earth's dynamic systems. Students will incorporate cross-cutting concepts (e.g. patterns, systems, etc.) that support scientific understanding and are applicable across science investigations.

In addition to the course description above, students taking this course must exhibit strong mathematical, verbal, and writing ability, and be self-motivated in completing class work. The Integrated Seventh Grade Science class may move at a faster pace and level of complexity, and include work to be completed independently by the student.

7mo grado

Ciencias Naturales Integradas 7, curso de alta exigencia (Código de curso: SCI750A&B)

Duración del curso: Todo el año

El desempeño esperado de esta materia de ciencias naturales de Secundaria está basado en los Estándares de Ciencias Naturales de la Siguiete Generación (Estándares Académicos para el Aprendizaje Estudiantil del Estado de Washington). Con esto, Los estudiantes participarán en prácticas de ciencias naturales e ingeniería conforme aprenden a través de tres ramas críticas de la ciencia y de ideas básicas disciplinarias: física, ciencia de la vida y ciencia de tierra y el espacio. Las unidades específicas de estudio incluirán: Electricidad, ondas y transferencia informática, ecosistemas y sus interacciones y sistemas dinámicos de la tierra. Los estudiantes incorporarán conceptos entrelazados de patrones, sistemas, etc. que soportan el entendimiento científico y se aplican en las investigaciones de la ciencia.

Además de la descripción del contenido del curso anterior, los estudiantes que cursen esta materia deberán demostrar tener una base matemática, verbal y escrita y estar auto-motivados para completar el trabajo de la clase. Esta materia puede moverse a un ritmo más rápido y tener un nivel de complejidad más alto, así como incluir trabajo que deberá ser completado independientemente por el estudiante.

Advanced Academics Program (AAP) Integrated Science 7 (SCI755A&B)

Course Length: Full Year

Students must qualify for placement by participating in the EAP program in elementary school or through a highly capable screening and testing process. This is not a self-select course; students will be individually scheduled for this course.

This course is intended for students who demonstrate an outstanding aptitude and interest in science and exhibit strong mathematical ability. Students will be expected to read complex texts and must be self-motivated and committed to investing time outside of the classroom studies.

Based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science, students will engage in science and engineering practices as they learn about disciplinary core ideas through three critical strands--physical science, life science and earth/space science. Specific units of study will include electricity, waves and information transfer, ecosystems and their interactions, and earth's dynamic systems. Students will incorporate cross-cutting concepts (e.g. patterns, systems, etc.) that support scientific understanding and are applicable across science investigations.

Students will engage in the same content area as 7th Grade Integrated Science with enrichment and a deeper level of complexity. Students should have the desire to continue to academically advanced science courses.

**Programa académico avanzado (AAP) de Ciencias Naturales Integradas 7
(Código de curso: SCI755A&B)**

Duración del curso: Todo el año

Los estudiantes deben calificar para ser aceptados al participar en el programa EAP en la escuela primaria o a través de la valoración de estudiantes altamente capaces y el proceso de examinación relacionado. Este no es un curso electivo o de auto-elección. Los estudiantes serán programados de manera individual para este curso.

Esta materia está dirigida a estudiantes que demuestren una aptitud destacada y un interés en las ciencias naturales y demostrando tener capacidades fuertes en matemáticas. Se espera que los estudiantes lean textos complejos y deberán estar auto-motivados y comprometidos a investigar fuera de los horarios de clases.

El desempeño esperado de esta materia de ciencias naturales de Secundaria está basado en los Estándares de Ciencias Naturales de la Siguiete Generación (Estándares Académicos para el Aprendizaje Estudiantil del Estado de Washington). Con esto, los estudiantes participarán en prácticas de ciencias naturales e ingeniería conforme aprenden a través de tres ramas críticas de la ciencia y de ideas básicas disciplinarias: física, ciencia de la vida y ciencia de tierra y el espacio. Las unidades específicas de estudio incluirán: Electricidad, ondas y transferencia informática, ecosistemas y sus interacciones y sistemas dinámicos de la tierra. Los estudiantes incorporarán conceptos entrelazados de patrones, sistemas, etc. que soportan el entendimiento científico y se aplican en las investigaciones de la ciencia

Los estudiantes participarán en el mismo contenido de la materia del 7mo grado de Ciencias Naturales Integradas con un enriquecimiento y nivel de complejidad más profunda. Los estudiantes deberán tener el deseo de continuar académicamente en cursos de ciencias más avanzados.

SOCIAL STUDIES

Washington State History 7 (Course Code: SSW705A&B)

Course Length: Full Year

Special Note: Passing one semester of Washington State History is a high school graduation requirement.

Students will use maps, charts and other geographical tools as they explore the five themes of geography. Other units include Native Americans in the Pacific Northwest, European Exploration and early settlement of Washington, the journey from territory to statehood, and Washington State's industrial growth. State government, economics and trade in the modern state and the world will also be studied. This course addresses the Common Core State Standards for History, prepares the students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies coursework.

Historia del Estado de Washington 7 (Código de curso: SSW705A&B)

Duración del curso: *Todo el año*

Nota especial: La aprobación de un semestre en historia del Estado de Washington es un requisito estatal para graduación de la preparatoria.

Los estudiantes usarán mapas, tablas y otras herramientas geográficas conforme exploran los cinco temas de geografía. Otras unidades incluyen a los indígenas Americanos del Noroeste del Pacífico, las exploraciones europeas y los primeros asentamientos en Washington, la jornada de territorio a convertirse en estado, y el crecimiento industrial del estado de Washington. También se estudiarán al gobierno del estado, economía y comercio en el estado moderno y en el mundo. Este curso cubre los estándares comunes básicos estatales de historia, prepara a los estudiantes para los exámenes Más inteligentemente Balanceados (SBA), y establece habilidades en las ciencias sociales que son necesarias para la progresión exitosa de su aprendizaje en los grados posteriores de esta materia.

Challenge Washington State History 7 (Course Code: SSW710A&B)

Course Length: *Full Year*

Special Note: Passing one semester of Washington State History is a high school graduation requirement.

Students will use maps, charts and other geographical tools as they explore the five themes of geography. Other units include Native Americans in the Pacific Northwest, European Exploration and early settlement of Washington, the journey from territory to statehood, and Washington State's industrial growth. State government, economics and trade in the modern state and the world will also be studied. This course addresses the Common Core State Standards for History, prepares the students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies coursework.

In addition to the course description above, students taking this course will participate in at least one major performance-based project that will require outside research and work time. As a result, the course may move at a faster pace. This course requires a high-level of reading, writing, listening, discussing and critical thinking skills. Students must have strengths in these core skills and be self-motivated to meet the high expectations of this class.

7mo grado

Historia del Estado de Washington 7, Curso de alta exigencia (Código de curso: SSW710 A&B)

Duración del curso: *Todo el año*

Nota especial: La aprobación de un semestre en historia del Estado de Washington es un requisito estatal para graduación de la preparatoria.

Los estudiantes usarán mapas, tablas y otras herramientas geográficas conforme exploran los cinco temas de geografía. Otras unidades incluyen a los indígenas Americanos del Noroeste del Pacífico, las exploraciones europeas y los primeros asentamientos en Washington, la jornada de territorio a convertirse en estado, y el crecimiento industrial del estado de Washington. También se estudiarán al gobierno del estado, economía y comercio en el estado moderno y en el mundo. Este curso cubre los estándares comunes básicos estatales de historia, prepara a los estudiantes para los exámenes Más inteligentemente Balanceados (SBA), y establece habilidades en las ciencias sociales que son necesarias para la progresión exitosa de su aprendizaje en los grados posteriores de esta materia.

Además de la descripción del contenido del curso anterior, los estudiantes que cursen esta materia participarán en al menos un proyecto basado en el desempeño que requiere de investigación externa y tiempo de trabajo. Como resultado, el curso puede avanzar a pasos más acelerados. Se requiere para este curso tener un nivel elevado de lectura, escritura, de escuchar y discutir y tener habilidades de pensamiento crítico. Los estudiantes deben estar fuertes en estas habilidades básicas y estar auto-motivados para cumplir con las altas expectativas de la clase.

AAP Washington State History 7

(Course Code: SSW715A&B)

Course length: Yearlong

Note: Passing one semester of Washington State History is a state high school graduation requirement.

Students must qualify for placement by participating in the EAP program in elementary school or through a highly capable screening and testing process. This is not a self-select course; students will be individually scheduled for this course.

Please refer to the Challenge Social Studies 7-Washington State History course description above. This course is designed to meet the graduation requirements of Washington State. Historical topics are explored through multiple textbooks and supplementary readings, including speeches, short stories and documents. The readings and subsequent dialogue are designed to encourage and develop high-level discourse on issues important to Washington state.

Programa académico avanzado (AAP) de Historia del Estado de Washington 7

(Código de curso: SSW715A&B)

Duración del curso: Todo el año

Nota especial: La aprobación de un semestre en historia del Estado de Washington es un requisito estatal para graduación de la preparatoria.

Los estudiantes deben calificar para ser aceptados al participar en el programa EAP en la escuela primaria o a través de la valoración de estudiantes altamente capaces y el proceso de examinación relacionado. Este no es un curso electivo o de auto-elección. Los estudiantes serán programados de manera individual para este curso.

Por favor refiérase a la materia de Historia del Estado de Washington 7, Curso de alta exigencia (Challenge Social Studies 7-Washington State History). Esta materia está diseñada para cumplir con los requisitos de graduación del Estado de Washington. Los temas históricos son explorados a través de varios libros de texto y lecturas suplementarias, incluyendo discursos, historias cortas y documentos. Las lecturas y diálogos subsecuentes están diseñados para exhortar y desarrollar un discurso de alto nivel en temas de importancia para el estado de Washington.

ELECTIVES

SEMESTER ELECTIVES

Art 7/8 = ART I (Code: ART780)

Open to grades: 7 & 8

Course length: One Semester

*Note: **Course cannot be repeated***

Fees: \$15 (Scholarships available)

Discover your artistic talent! No experience necessary. In this class, you will explore a variety of creative processes while learning how to use color, perspective, pattern, and texture to create your own artwork. Experiment with watercolor, ink, charcoal, colored pencil, tempura paint, clay, and pastels. This class has a fun atmosphere where mistake-making, risk-taking, and creative-thinking are encouraged. Students will leave class with a portfolio of artwork.

Art 8 = ART II (Code: ART800)

Open to grade: 7 & 8

Course length: One Semester

*Note: **Course cannot be repeated***

Fees: \$15 (Scholarships available)

Targeting artists with some experience, this class focuses on drawing, painting and printmaking with materials such as graphite, charcoal, chalk pastels, oil pastels, watercolor, tempura paint and ink. Projects allow for greater independence. Students will learn about various artists, cultures and art movements that relate to class projects.

Computer Science I (Code: BCS700)

Open to grades: 7 & 8

Course length: One Semester

*Note: **Course cannot be repeated***

Students will explore the many facets of basic programming language and its application to the real world with learning about careers in computer science. Students will learn how to be code in the CS environment and utilize this skill to build interactive hardware computing devices. Students will also learn the Python Coding language to create games, animations and programs. No prior computer programming experience necessary and this course applies to all who are curious about programming.

Computer Science II (Code: BCS800)

Open to grades: 7 & 8

Course length: One Semester

*Note: **Course cannot be repeated***

Prerequisite: Successful completion of Computer Science I (Formerly 7/8 Computer Applications BCA781)

This course is a continuation in the middle school computer science pathway. Students will utilize previous computer science knowledge from the Computer Science I course to expand their learning in technology software and hardware products and using the Python Coding language, will develop more complex games, animations and programs.

Drama 7/8 (FALL or SPRING) (Code: DRA780)

Open to grades: 7 & 8

Course length: One Semester

*Note: **Course cannot be repeated***

Fees: None

Discover the magic of theatre! This class will introduce students to the magic going on behind the scenes as well as on the stage in the theatre. It is an overview of the basics of performing, directing, and technical theatre, where students can discover their strengths for performing arts. Students will develop communication skills, public speaking, and provide a basic introduction to drama and theatre. Students will be introduced to improvisation, pantomime, scene work, duo scenes, voice and character development, as well as directing, behind the scenes production skills, and playwriting. In this class, we do “**Fractured Fairytale Theatre**”, and write, direct and perform original scenes. Find your strengths and put them in action!

Advanced Drama ~ Performance (FALL Semester Only) (Code: DRA800A)

Open to grades: 7 & 8

Course length: One Semester

Fees: None

Unleash your inner actor and show your STAR potential! This class is designed to focus on performing (acting) in the theatre. Students will expand their work in acting/performing and will continue to master their communication skills, as well as improvisation, pantomime, character development, scene and monologue work, preparing for auditions, acting for the screen, along with a basic study of Theatre History. This will lead to the performance of monologues, partner and group work, video work for commercials, **as well as producing a class play**. This class is designed for students with some drama experience and is an excellent springboard for the extra-curricular drama programs.

Advanced Drama ~ Technical Theatre (SPRING Semester Only) (Code: DRA800B)

Open to grades: 7 & 8

Course length: One Semester

Fees: None

LIGHTS! CAMERA! ACTION! Have you mastered performing on stage and now you want to learn the ropes behind the scenes? Want to develop your knowledge and understanding of the technical aspects of the theatre: lights & sound, costumes, hair and makeup, props, and set design? Then this is the class for you! Students will be introduced to the basic concepts of technical theatre (behind the scenes). We will also explore careers in technical theatre: directing, production, house and stage management, and a variety of design jobs. We will then use this knowledge to design and create costumes, props, and sets for the LMS Spring Play. ***Don't be afraid to get your hands dirty in this hands-on class!***

Exploring Technology I (Code: TEC700)

Open to grades: 7 & 8

Note: Course cannot be repeated

Course length: One Semester

Students will be engaged in **S.T.E.M.** (Science, Technology, Engineering & Design) projects. This is a hands-on class that will teach product design while using a variety of tools and power equipment. Projects will include computer-aided design (**C.A.D.**), computer-controlled manufacturing (**CNC**), structures and mechanisms. Students will explore a variety of software applications used in business. Students will gain an understanding of safe shop practices while learning the design process.

Leadership (Code: YYN785)

Open to grades: 7 & 8

Prerequisite: None

Note: Course cannot be repeated

Course length: One Semester

Throughout this class, students will be able to identify how their unique interests and skills can be used in the service of others - and why this even matters. Course content will include deep knowledge of oneself and others, application of the habits of self-leadership, participation in service learning within our Leota community, thoughtful listening, team decision-making, and the creation of solutions to problems that matter to the students in the class.

Throughout the semester, students will have fun building connections with each other and learning concepts that will help them throughout their lives.

Multimedia Communications (Code: ATP780)

Open to grades: 7 & 8

*Prerequisite: None**

Course length: One Semester

This class is a leadership class as much as it is a technology class. In it, students will look at how media impacts both society as a whole and themselves as individuals. Students will practice critical-thinking skills and will become more aware of the impact media has on their thoughts and actions - and how their online/other presence influences *their* audience's thoughts and actions. Students will critically analyze film, news, and social media as a part of this class. In addition, students will be part of building community and influencing change at Leota as they create media for our monthly *Lion Channel* production. Students will develop the essential 21st century skills of leadership, creativity, critical reasoning, problem-solving, and collaboration, as well as supporting their skill development with various media platforms. Course content will be responsive to the needs and interests of the students in the classroom. There is no prerequisite for this class and it can be taken either for a semester or for a year. **Priority for this class, however, will be given to those who have taken the Leadership class and/or who are in eighth grade.* ASB and current/future WEB leaders are encouraged to take this class, as is anyone hoping to improve their leadership and media skills.

Peer Tutoring (Code: YYN075)

Open to grades: 7 & 8

Course length: One Semester (May repeat if space available and w/Advisor permission)

This class provides students with the opportunity to work and interact with younger individuals under adult supervision. Students will coach elementary students in the classroom and be a positive and supportive role model. Students will be given specific training in instructional methods for students within smaller groups and whole classroom settings.

Physical Education 7/8 (Code: PPE780)

Open to grades: 7 & 8

Courselength: One Semester

Equipment required: T-Shirt, Shorts & Athletic Shoes

(Tops: Solid gray colored only/Bottoms: Solid gray or black – Nologos, graphics, etc.)

Recommended: Sweatshirt and sweatpants, but not required

Do you like being physically active, having fun, and socializing with your peers? Then sign up for the physical education elective!

The goal of this course is to promote physical fitness through a variety of fitness activities and sport units. Team sports and individual sports will be the main focus. However, units will be tailored to student interest. Skill development, teamwork, and knowledge of the sport/activity will be a priority. Activities include but are not limited to: archery, badminton, pickleball, spikeball, football, volleyball, walking/jogging, journaling/mindfulness, yoga, tchoukball, low-organized games, yard games, etc.

Students of all skill and experience levels are encouraged to enroll in this course. **Student will NOT participate in 20 minute runs.*

Robotics Foundations (Code: TER780)

Open to grades: 7 & 8

*Note: **Course cannot be repeated***

Course length: One Semester

This multimedia curriculum is designed to teach students the engineering process while they develop innovative robotic solutions to engineering problems. Students apply math and science concepts as they complete the engineering process to complete tasks that build to a final challenge for each unit. Students will gain a basic understanding of block coding language including the use of sensors, loops, and switches. Students will conduct Guided Research Investigations where they are challenged to build and program LEGO Mindstorms robot using the engineering process to simulate real-world robots. Students follow the engineering process and keep an engineering journal for reference and grading.

YEARLONG ELECTIVES

Choir 6/7/8 (Code: MUV678A&B)

Open to grades: 6, 7 & 8

Prerequisite: None

Course length: Full Year

Fees: Possibly for field trips and for Solo/Ensemble Festival

Cantata Choir is open to any student interested in learning more about music and singing. Repertoire will be chosen from a variety of historical and popular music styles and cultures. We will perform at numerous concerts, assemblies and choral festivals throughout the year. Performances are a requirement of the class and part of the student's academic grade.

Symphonic Band 7/8 (Code: MUB520A&B)

Open to grades: 7 & 8

Prerequisite: Previous band experience

Course length: Full Year

Fees: Possibly for field trips and for Solo/Ensemble Festival

Students in the Symphonic Band have attained considerable facility on their instrument and wish to apply themselves to suitable music. The curriculum of this course is designed to further students skills on their various instruments. This band performs at evening concerts, assemblies, neighboring schools, music festivals and other public performances. Performances are a requirement of the class and part of the student's academic grade. Grading based on home practice, attendance, section rehearsals, periodic tests and performance attendance.

String Orchestra 7/8 (Code: MUO530A&B)

Open to grades: 7 & 8

Prerequisite: Previous string instrument experience

Course length: Full Year

Fees: Possibly for field trips and for Solo/Ensemble Festival

Open to All ~ students will work to improve upon basic to intermediate level string technique. Key concepts are scales, tuning, and bowing fundamentals. Students with less experience may be offered occasional tutoring. Symphonic Orchestra performs three evening concerts during the school year and in the district orchestra festival. Students also have the opportunity to participate in the district Solo/Ensemble festival.

Library Assistants (Code: Year = YLA780A&B)

Course length: Full Year

Open to grades: 7 & 8

Grading scale: Pass/Fail Only

Goals: Working in the library offers an opportunity to develop research skills as well as job skills valuable for future employment.

Skills: Library Assistants will learn to use the library's circulation system, the online catalog, location and retrieval of both print and electronic information resources. Library Assistants will assist the library staff, students and Leota Middle School staff in many areas of library use.

ONLY OPEN TO DUAL LANGUAGE PROGRAM PARTICIPANTS

Challenge Spanish 150 (1.0 High School Credit)

Prerequisite: Pass Challenge Spanish 100(6th Grade Curriculum)

Course length: Full Year

Open to grade: 7

This course is intended for students who have successfully completed Challenge Spanish 100. The purpose of this course is to continue to improve communication skills and develop more fluency in the written and oral language. This will be accomplished by listening, reading, writing and speaking at an intermediate level as well by further developing one's vocabulary and knowledge of grammar. This course includes an emphasis on culture and current events in the Spanish-speaking world.

Challenge Spanish 150 (1.0 crédito de escuela secundaria)

Prerrequisito: Aprobar Challenge Spanish 100 (plan de estudios de 6º grado)

Duración del curso: año completo

Abierto al grado: 7

Este curso es para estudiantes que han terminado con éxito Challenge Spanish 100. El propósito de este curso es seguir mejorando las habilidades comunicativas y desarrollar una mayor fluidez en el lenguaje escrito y oral. Esto se logrará por medio de la audición, la lectura, la escritura y la práctica oral a un nivel intermedio. Así que los estudiantes seguirán la ampliación del vocabulario y el conocimiento de la gramática. La cultura, la actualidad y el estudio de la literatura se integrarán en el plan de estudios.

SPECIAL EDUCATION DEPARTMENT

Courses for Students in Special Education

Students in special education will participate in classes as determined in collaboration with their Individual Education Plan (IEP) team. Courses will be decided based upon a student's need for specially designed instruction. Students are also expected to meet all graduation requirements including full credits, state assessments, culminating project, and high school and beyond plan. Some students may qualify for modifications in state assessments and modified credit expectations as noted on their IEPs.

General Education Classes with Accommodations

Special education students can participate in general education classes with accommodations. An accommodation is an adjustment to the learning environment or in the delivery of instruction. The difference is "how" we teach. Accommodations do not change the course expectations and are provided without impacting the course code for the class.

General Education Classes with Modifications

Special education students can participate in general education classes with modifications. A modification is a change in what is expected from a student. The difference is in "what" we teach. It is altering the content, performance criteria, or instructional level. Modifications require a change in the course code and will no longer meet the college Hec Board requirements.

Special Education Classes

Special education classes are exclusively for students with IEPs. These courses replace general education core content classes in Math and Language Arts and are determined through the IEP process. These classes have combinations of altered content knowledge, conceptual difficulty, educational goals, and instructional methods different than those applied in general education classes. These classes have special education course codes.

Academic Lab Classes

Academic Lab classes are exclusively for students in special education. These classes are designed to allow students to receive specially designed instruction as outlined on their IEPs including reading, writing, math, social skills, behavior, and study skills/organization.

**Note on Science and Social Studies: special education students need to participate in Science and Social Studies courses taught by Highly Qualified teachers and access the general education curriculum (can be modified). The only exceptions are students with intellectual impairments that will have IEP determined diploma requirements.*