Leota Middle School 7th Grade Courses 2020-2021

Escuela Intermedia Leota – Cursos de 7to Grado

ENGLISH

English/Language Arts 7

Course length: Full Year

This course builds upon 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 and a Shakespearean play. 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.

Inglés/Artes del Lenguaje 7
(English/Language Arts 7)

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 y una obra de Shakespeare. 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 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 and a Shakespearean play. 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 above, 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
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 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 y una obra de Shakespeare. 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.

Advanced Academics Program (AAP) English/Language Arts 7
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, 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 novels and a Shakespearean play, and includes a selection of novels students can choose for independent reading. 7th graders expand 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.

Programa académico avanzado (AAP) de Inglés/Artes del Lenguaje 7
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 y una obra de Shakespeare. 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.

HEALTH & FITNESS

Health & Fitness 7
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

Math 7 (Course Code: MAT700)
Course 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 aligns to the Grade 7 Common Core State Standards for Mathematics and prepares students for the Smarter Balanced state math assessments. The course builds upon the work done with fractions and decimals to include operations with positive and negative rational numbers. Students will extend their understanding of ratios to study proportionality, similarity, percent and probability. Students will extend their experience displaying and interpreting data to include comparing data sets, drawing conclusions and analyzing statistical studies. Other topics that will be covered are angle relationships in geometry, surface area and volume for three-dimensional figures, and solving two-step linear equations and inequalities. Student will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

Matemáticas 7 (Código de curso: MAT700)
Duración: 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.

Esta materia esta alinea con los Estándares Comunes Básicos Estatales de Matemáticas para el 7mo grado y prepara a los estudiantes para el examen Más Inteligentemente Balanceado (SBA) para matemáticas. La materia se basa en el trabajo realizado con fracciones y decimales para incluir operaciones con números racionales positivos y negativos. Los estudiantes extenderán su entendimiento en proporciones, similitudes, porcentajes y probabilidad. Los estudiantes ampliarán su experiencia de presentar e interpretar datos para comparar grupos de datos, derivar conclusiones y analizar estudios estadísticos. Otros temas que se cubrirán son: Relación de ángulos en geometría, superficies y volúmenes para figuras tridimensionales, y solución en dos pasos de ecuaciones lineales y desigualdades. Los estudiantes continuarán desarrollando su solución de problemas, razonamiento y comprobación, comunicación y modelación matemática alineadas a los estándares de la práctica matemática.

Challenge Math 7 (Course Code: MAT755)
Course 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 designed for a student preparing to take Algebra during their 8th grade year and for the Smarter Balanced state math assessments. This course is the first year of a two-year sequence that compresses all of the Common Core State Standards for 7th grade math, 8th grade math, and Algebra 1 in two years. The course builds upon the work done with fractions and decimals to include operations with positive and negative rational numbers. Students will extend their understanding of ratios to study proportionality, similarity, slope and probability. Students will solve a variety of linear equations and inequalities. Students will extend their experience displaying and interpreting data to include comparing data sets, drawing conclusions and analyzing statistical studies. Other topics that will be covered are linear functions, surface area and volume for three-dimensional figures, angle and line relationships in geometry, and transformations. Students will continue to develop problem solving, reasoning and proof, communication and mathematical modeling skills aligned to the Standards for Mathematical Practice.

7mo grado
Matemáticas 7 de alta exigencia (Código de curso: MAT755)
Duración: 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.

Esta materia está diseñada para preparar al estudiante a que curse Álgebra durante el 8vo grado y en preparación para los exámenes Más Inteligentemente Balanceado (SBA) para matemáticas. Esta materia es la primera de una secuencia de dos años que comprime los Estándares Comunes Básicos Estatales de Matemáticas para el 7mo, 8vo grado y Álgebra en dos años. La materia se basa en el trabajo realizado con fracciones y decimales para incluir operaciones con números racionales positivos y negativos. Los estudiantes extenderán su entendimiento en proporciones, similitudes, pendientes y probabilidad. Los estudiantes resolverán una variedad de ecuaciones lineales y desigualdades. Los estudiantes ampliarán su experiencia de presentar e interpretar datos para comparar grupos de datos, derivar

conclusiones y analizar estudios estadísticos. Otros temas que se cubrirán son: Funciones lineales, superficies y volúmenes para figuras tridimensionales, ángulos y relaciones de líneas en geometría, y transformaciones. Los estudiantes continuarán desarrollando su solución de problemas, razonamiento y comprobación, comunicación y modelación matemática alineadas a los estándares de la práctica matemática.

Algebra 1 (Course Code: MAL100)
Prerequisite: Completion of Holt Course 3; ***OR***
7th Grade Challenge Math; ***OR***
Completion of a 7th Grade Challenge Summer Math Course.
Students considering this option should contact their school counselor; ***OR***
Completion of an 8th Grade Accelerated 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) High School 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: MAL100)
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 del secundaria***

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 (Course Code MGE100)
Prerequisite: Completion of Algebra I
*Course Length: Full Year/**One (1.00) High School 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 prof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

Geometría (Códigos de curso: MGE100)
Prerrequisitos: Álgebra 1
*Duración/Crédito: Todo el año/ **1 crédito del secundaria***

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 (Course Code MAL180)
Prerequisite: Completion of Geometry
*Course length: Full Year/**One (1.0) High School 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: MAL180)
Prerrequisito: Completar Geometría
Duración/Crédito: Todo el año/ ***1.0 crédito del secundaria***

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 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, genes and molecular machines, 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
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 Siguiente 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, genes y máquinas moleculares 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 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, genes and molecular machines, 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
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 Siguiente 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, genes y máquinas moleculares 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
Course Length: Full Year

Students must qualify for placement by participating in the EAP program in elementary school or through a highly capable application 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, verbal and writing 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, genes and molecular machines, 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
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, demostrando tener capacidades fuertes en matemáticas, verbales y en escritura. 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 Siguiente 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, genes y máquinas moleculares 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

Social Studies 7 – Washington State History 7
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
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 Social Studies 7 – Challenge Washington State History 7
Course Length: Full Year
Special Note: Passing one semester of Washington State History is a high school graduation requirement.

Students may register for this course through the Self-Select process. 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
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 se pueden registrar a este curso a través del proceso de auto-elección. 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.

Advanced Academics Program (AAP) Social Studies 7 – AAP Washington State History 7
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 application 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
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 I
Open to grades: 7 & 8 *Note: **Course cannot be repeated***
Course length: One Semester *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 II
Open to grade: 7 & 8 *Note: **Prior art experience recommended***
Course length: One Semester *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.

(C.A.D.) Foundations of Computer Aided Design
Open to grades: 7 & 8 *Note: **Course cannot be repeated***
Course length: One Semester
Goals: This course is designed to apply the concepts of engineering design to the world of 3D computer graphics. In this class, students will develop their creativity, while designing everything from movie characters to transportation devices. Students learn industry-leading software (Rhinoceros 3D) as they tackle open-ended design projects.
Skills: Students will need to apply knowledge from a variety of sources including math, science, and psychology in order to create a successful design.

Computer Applications I
Open to grades: 7 & 8 *Note: **Course cannot be repeated***
Course length: One Semester
This is a coding class. Students will explore the many facets of basic programming language and its application to the real world with learning about careers in computer science. No prior computer programming experience necessary and this course applies to all who are curious about programming.

Computer Applications II

Open to grades: 7 & 8 *Note: **Course cannot be repeated***

Course length: One Semester

Prerequisite: Successful completion of Computer Applications I

This is a coding class. This course is a continuation in the middle school computer science pathway. Prerequisite for this course in Computer Applications I as students will utilize previous computer science knowledge to expand their learning.

Beginning Drama (FALL or SPRING)

Open to grades: 7 & 8 *Prerequisite: None*

Course length: One Semester *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, voice and character development, as well as directing, behind the scenes production skills, and playwriting. Find your strengths and put them in action!

Advanced Drama (FALL Semester Only)

Open to grades: 7 & 8 ***Prerequisite: Beginning Drama***

Course length: One Semester *Fees: None*

Unleash your **inner actor** and show your **STAR** potential! This class is designed to focus on **performing** 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, 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 performing in 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 (SPRING Semester Only)

Open to grades: 7 & 8 ***Prerequisite: Beginning Drama***

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, 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) and may even have their chance to direct. 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

Open to grades: 7 & 8 *Note: **Course cannot be repeated***

Course length: One Semester

Students will be engaged in **S.T.E.M**. (**S**cience, **T**echnology, **E**ngineering & **D**esign) 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: Leading for Change

Open to grades: 7 & 8

Prerequisite: None

Course length: One Semester

This class is for anyone who enjoyed Cultures Class or Leadership in sixth grade or who wants to make a difference in the Leota community or in the world. By the end of the semester, 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. Students will have opportunities to speak publicly at (or support) assemblies *and* to plan schoolwide events. They will communicate to the student body through the daily announcements and slideshow. Throughout the semester, students will have fun building connections with each other and learning concepts that will help them throughout their lives. There is no prerequisite for this semester-long class. ASB and current/future WEB Leaders are encouraged to take this class, as is anyone aspiring to be transformed.

Leadership: Multimedia

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

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 Elective

Open to grades: 7 & 8

Prerequisite: None

Course length: One Semester

Fees: None

Equipment required: T-Shirt, Shorts & Athletic Shoes

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

Recommended: Sweatshirt and sweatpants, but not required

This class will cover a variety of activities that will increase basic knowledge of individual sports, alternative games, leisure activities, and team sports. Activities include, but are not limited to the following:

*Aerobics	*Archery	*Badminton	*Basketball	*Bocce Ball	*Bowling	*Croquet
*Dance	*Disc Sports	*Fitness	*Geocaching	*Modified Games	*Pickleball	* Soccer
*Softball	*Spikeball	*Takraw	*Volleyball	*Weight Training	*Yoga	

Robotics Foundations I

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

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

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 student 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

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

*Course length: Full Year **OR** Semester Long*

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 LJH staff in many areas of library use.

ONLY OPEN TO DUAL LANGUAGE PROGRAM PARTICIPANTS

Challenge Spanish 200 – Course Code WLS265 (1.0 High School Credit)

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

Course length: Full Year

Open to grades: 7

Estimated Fees: $15-$20 (TBD) Replacement Fee if lost from previous year (Scholarshps may be available)

This course is intended for students who have successfully completed Spanish 200 Challenge or with teacher permission. The course is conducted in entirely in Spanish. This is an advanced Spanish course with emphasis on culture enrichment and conversation building skills. In this class, students will learn the advanced verb tenses as well as read and discuss Spanish literature. Continuing studies of geography, culture, and customs.

SPECIAL EDUCATION DEPARTMENT

Courses for Students in Special Education

Students in special education will participate in classes as determined in collaboration with their 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 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 B requirements.

Learning Center (LC) Classes

Learning Center classes are exclusively for students in special education. Learning Center courses replace general education core content classes in Math and Language Arts. 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.

Mid-Level Classes*

Mid-Level classes are exclusively for students in special education. These classes are designed for students with significant academic delays and possible cognitive and adaptive skill delays. These classes are meant to replace core content classes in Math and Language Arts. Students access alternative curriculums and smaller classes in order to gain knowledge and skills in these areas.

**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.*