

LAKE-LEHMAN
JUNIOR HIGH SCHOOL

CURRICULUM
GUIDE

2026-2027



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Planned Courses

Lake-Lehman Junior-Senior High School provides planned instruction to enable students to attain academic standards. Planned instruction consists minimally of the following elements:

1. Objectives of a planned course, instructional unit or interdisciplinary studies to be achieved by all students.
2. Content, including materials and activities and estimated instructional time to be devoted to achieving the academic standards. Courses, instructional units or interdisciplinary studies of varying lengths of time may be taught.
3. The relationship between the objectives of a planned course, instructional unit or interdisciplinary studies and academic standards specified under *Section 4.12* (relating to academic standards) and to those determined in the school district's (including charter schools) or CTC's strategic plan under *Section 4.13* (relating to strategic plans).
4. Procedures for measurement of the objectives of a planned course, instructional unit or interdisciplinary studies.

General Information

Educational and Organizational Goals

1. To develop a program of studies that will focus on the development of those abilities needed to succeed at the secondary level.
2. To provide a program of studies that will allow all students the opportunity to develop skills of analysis, synthesis, evaluation, problem-solving and information literacy.
3. Planned instruction in the following areas will be provided to every student in the junior high program. Planned instruction may be provided as a separate course or as an instructional unit within a course or other interdisciplinary instructional activity:
 1. Language Arts
 2. Mathematics
 3. Science and Technology
 4. Social Studies
 5. Arts/Humanities
 6. Technology Education
 7. Health, Safety and Physical Education
 8. Family and Consumer Science
 9. Wellness
 10. Career Awareness

Grading System

The following is an interpretation of the grading system used at Lake-Lehman Junior High School:

A 93% to 100% Advanced	P=Pass	WF=Withdrawal Fail
B 84% to 92% Proficient	F=Fail	WP=Withdrawal Pass
C 76% to 83% Basic	I=Incomplete	WA=Withdrawal Attendance
D 70% to 75% Below Basic	M=Medical	
F 0% to 69% Failure		

Honor Roll

High Honors 93% to 100%

Honors 86% to 92%

Students who receive a D, F or I are not eligible for the honor roll.

Course Listing

7th Grade

Language Arts
Social Studies
Math
Science
Reading and Composition 7
Art
Intro to Stem
Wellness 7
Computer Science Express 1
Physical Education
7th Grade Careers
Topics in Math 7

8th Grade

Language Arts
Social Studies
Math
Science
Reading and Composition 8
Music
Family and Consumer Science
Wellness 8
Computer Science Express 2
Physical Education
8th Grade Careers
Topics in Math 8

Special Programs

Gifted Program

Identified students* will meet six periods per six day cycle. One credit will be awarded for each year of participation. Higher level thinking skills will be stressed along with relevant topics selected each year through the student's GIEP. In addition, students are encouraged to participate in competitive community opportunities and to investigate specific topics through individual projects. They are given ample opportunity to provide service to their community and are exposed to cultural and enrichment activities by means of seminars and field trips. Mentorship opportunities may also be arranged through their department.

*Students who have met state-mandated criteria in three areas: achievement test scores, IQ scores and classroom performance.

Learning Support Classes

Students eligible for special education services can participate in Learning Support classes. Learning Support classes provide instruction in the Language Arts, Science and Mathematical areas utilizing the PA Common Core standards supplemented with additional instructional materials. The academic level, acquisition pace, and assignments are modified to meet each learners needs.

Resource Room

Identified students in special education can be supported in the resource room. Students can visit the resource room for additional academic support for their content courses or if it is stated in their IEP (specially designed instruction). Time in the resource room varies per student.

Co-Taught Classes

Co-Taught classes are instructed in the Science and History content areas. A regular education teacher and a special education teacher facilitate the class together. These classes are considered regular education classes.

Emotional Support Resource Room

The Emotional Support Program targets students who demonstrate emotional, behavioral, or social difficulties which impede their ability to achieve academic success. Students are instructed on their individual grade level performance utilizing PA Common Core standards and supplemental materials. The base instruction is adapted to the student's need, emphasizing a positive behavioral component.

English Language Development (ELD)

The ELD Program is part of the core curriculum. The student shall receive sufficient instructional time from a certified teacher with appropriate resource materials. The teacher shall use an assessment system that monitors student progress in learning English. The ELD Program shall be evaluated annually to determine if the LEP (Limited English Proficiency) student is achieving success in learning English. If they are not, the program will be adapted to meet their needs.

Life Skills Support Program

This program focuses on developing independent skills for every day life. Students will engage in an academic curriculum with a special emphasis utilizing the local community. Each student will achieve their personal best through supports and resources to prepare for post secondary life.

Lake-Lehman Cyber (LLC)

Lake-Lehman Cyber School is an online option that allows us to meet our students' needs by developing a schedule and curriculum that best suits the individual. Students have the opportunity to enroll as full or part-time students. Part-time students complete some coursework in the traditional setting and some in the cyber setting.

We assign a guidance counselor to all LL Cyber students. The counselor monitors progress and has frequent contact with the teachers facilitating online instruction. We count students in class rank, which makes them eligible for the honor roll and membership in the honor society. Students will receive a Lake-Lehman High School diploma upon completion of the Lake-Lehman Cyber Program. Students may participate in graduation exercises if they choose to do so.

Language Arts

LANGUAGE ARTS 7 (21711)/LLC ENGLISH 7 (LLC41711)

CREDIT: 1

GRADE 7

English Language Arts is a year-long course integrating reading, writing, listening, speaking, and critical thinking skills and complements the Nonfictional Reading and Composition 7 course. Students will read many works of literature – short stories, poetry, drama, oral traditions and novels – and write on a variety of topics in a “literature-based” program, which is aligned to Pennsylvania Core Standards. Listening, speaking, and critical thinking are emphasized, and skills such as grammar, spelling, punctuation, and usage are taught through writing and reading. Independent reading is expected and monitored.

HONORS LANGUAGE ARTS 7 (21712)/LLC ENGLISH 7 HONORS (LLC41712)

CREDIT: 1

GRADE 7

PREREQUISITE: PARTICIPATION IN SCREENING PROCESS

It is recommended that a student choosing this course be an avid, independent reader who is currently reading above grade level. Honors English Language Arts is a year-long course integrating reading, writing, listening, speaking, and critical thinking skills and complements the Nonfictional Reading and Composition 7 course. Students will write on a variety of topics and read many works of literature – short stories, poetry, essays, novels, and drama – in a “literature-based” program, which is aligned to Pennsylvania Core Standards. Listening, speaking, critical thinking, and vocabulary development are emphasized and skills such as grammar, spelling, punctuation and usage are taught through writing and reading. Independent reading, with an emphasis on classic literature is expected. The pace and intensity of this course requires a self-motivated learner with a high interest in reading and writing.

READING AND COMPOSITION 7 (21721)/LLC READING & COMP 7 (LLC41721)

CREDIT: 1

GRADE 7

Reading and Composition 7 is a year long course that focuses on the Pennsylvania Core Standards for 7th grade. The course compliments the English Language Arts 7 course. In this class, students will learn organizational and study skills, master grammar, and write expository, narrative, and argumentative essays with an emphasis on avoiding plagiarism. A research element will be introduced with a focus on MLA format. Students will read various nonfiction selections of varying lengths. In addition, grade level vocabulary acquisition will be reinforced. Students will be prepared for and participate in The Pennsylvania System of School Assessment- PSSA.

LANGUAGE ARTS 8 (21811)/LLC ENGLISH 8 (LLC41811)

CREDIT: 1

GRADE 8

The English Language Arts 8 focuses on the Pennsylvania Core Standards and complements the Nonfictional Reading and Composition 8 course. The student is engaged in an integrated whole-language approach, encompassing literature, composition, critical thinking skills, oral communication, and technology. Independent reading expected and monitored. This course is aligned to the Pennsylvania State Standards by embracing PSSA strategies, prompts and rubrics.

HONORS LANGUAGE ARTS 8 (21812)/LLC ENGLISH 8 HONORS (LLC41812)

CREDIT: 1

GRADE 8

PRE-REQUISITE: PARTICIPATION IN SCREENING PROCESS

The Honors English Language Arts focuses on the Pennsylvania Core Standards and complements the Nonfictional Reading and Composition 8 course. This course challenges students by integrating a whole-language approach, which encompasses grammar, composition, literature, critical thinking skills, oral communication, research skills and technology. Independent reading, with emphasis on classic literature is expected and monitored. The pace and intensity of this course requires a self-motivated learner with a high interest in reading and writing.

READING AND COMPOSITION 8 (21821)/ LLC READING & COMP 8 (LLC41821)

CREDIT: 1

GRADE 8

Reading and Composition 8 focuses on the Pennsylvania Core Standards for Eighth grade and complements the Language Arts 8 course. Students are expected to read and respond to informational, expository, argumentative, and functional nonfiction texts. Research skills are refined with a focus on locating and evaluating credible sources, composing and presenting formal research, and avoiding plagiarism. Vocabulary acquisition as well as a demonstration of grade-level grammar and writing skills are expected.

WILSON READING (26511)

CREDIT: 1

GRADES 7 & 8

Wilson Reading is a researched-based program that directly teaches the structure of language. Students will navigate through the 12 step program understanding the word structure for decoding and encoding. Nonsense words will be utilized to enforce the rules of language.

SRA (26521)

CREDIT: 1

GRADES 7 & 8

SRA is a supplemental reading program which targets decoding and comprehension skills. Within the decoding strand, students will strengthen phonemic awareness, phonics and word analysis, fluency, and specific comprehension skills. Within the comprehension strand, students will strengthen vocabulary knowledge, background information, reasoning and writing skills.

BASIC LANGUAGE ARTS (27711 & 27811)/LLC BASIC ENGLISH 7&8 (LLC47711 & LLC47811)

CREDIT: 1

GRADES 7 & 8

This year long course emphasizes development in the areas of reading, writing, listening, speaking and critical thinking. Students will strengthen their skills through many works of literature including short stories, poetry, essays and novels. Writing samples will focus on grammar, spelling, punctuation and vocabulary. Independent reading is encouraged and monitored via weekly progress monitoring and assessments. Skills will be developed according to each student's individual level. (Special Education)

GENERAL LANGUAGE ARTS (28711 & 28811)

CREDIT: 1

GRADES 7 & 8

This course emphasizes development in the areas of reading, writing, listening, speaking, and critical thinking. Students will strengthen their skills through many works of literature including short stories, poetry, essays and novels. Writing samples will focus on grammar, spelling, punctuation, and vocabulary. Independent reading will be assessed through Accelerated Reader (AR). This course will be modified or adapted to meet each student's academic needs, presented in either a small group or one-on-one instruction, and facilitated with a behavioral component. (Special Education)

FUNCTIONAL LANGUAGE ARTS (29101)/LLC FUNCTIONAL LANGUAGE ARTS (LLC49101)

CREDIT: 1

GRADES 7 & 8

This course is designed to prepare students with appropriate reading skills to navigate in our community. Students will integrate literature from the community such as newspapers, local flyers, manuals, and short stories. Students will also engage in journal writing and research exploration to develop individual writing abilities. (Special Education)

Social Studies

PENNSYLVANIA HISTORY AND WORLD GEOGRAPHY (22711)/LLC WORLD HISTORY AND WORLD GEOGRAPHY (LLC42711)

CREDIT: 1

GRADE 7

This full year course is divided into two topic areas. The first area is designed to provide a geographic, economic, political and social history of the Commonwealth of Pennsylvania. In addition, students will learn about modern Pennsylvania and its place in the nation through current events and other activities. The second area is designed to provide students with a global perspective on the human and physical geography that make up our world today. It invites students to use the critical thinking and geographical skills needed to understand the interrelatedness between places and people. In addition, this topic includes current events so that students can better understand the relevance of geography to their lives. This is a co-taught course following an inclusive model.

HONORS PENNSYLVANIA HISTORY AND WORLD GEOGRAPHY (22712)/LLC WORLD HISTORY 7 HONORS (LLC42712)

CREDIT: 1

GRADE 7

PREREQUISITE: PARTICIPATION IN SCREENING PROCESS

This full year course is divided into two topic areas. The first area is designed to provide a geographic, economic, political and social history of the Commonwealth of Pennsylvania. In addition, students will learn about modern Pennsylvania and its place in the nation through current events and other activities. The second area is designed to provide students with a global perspective on the human and physical geography that make up our world today. It invites students to use critical thinking and geographical skills needed to understand the interrelatedness between places and people. In addition, this topic includes current events so that students can better understand the relevance of geography to their lives. This course is writing intensive. Students should have a high interest level in history and be ready to work independently on project based assessments.

US HISTORY (22811)/LLC US HISTORY 8 (LLC42811)

CREDIT: 1

GRADE 8

Beginning with the first permanent English settlement of Jamestown in 1607 and covering the next three centuries, 8th grade US History will present to students the story of how America came to be. Touching on key events, places, and people throughout our first 300 years from colony to global power of the early 20th century, students will be expected to analyze and interpret various primary sources, demonstrate an understanding of key terminology, used both in the context of the time and today, and explain how and why one event directly caused the next in our great history. Various points of interest will focus on the colonial and revolutionary eras, the industrial revolution, westward expansion, the Civil War and slavery, Native American struggles, industrialists and big business, the railroad, and a look into the turn of the century, WWI, and Roaring 20's. This course may be facilitated using an inclusion model.

HONORS US HISTORY (22812)/LLC US HISTORY 8 HONORS (LLC42812)

CREDIT: 1

GRADE 8

PREREQUISITE: PARTICIPATION IN SCREENING PROCESS

Beginning with the first permanent English settlement of Jamestown in 1607 and covering the next three centuries, 8th grade US History HONORS will present to students the story of how America came to be. Touching on key events, places, and people throughout our first 300 years from colony to global power of the early 20th century, students will be expected to analyze and interpret various primary sources, demonstrate an understanding of key terminology, used both in the context of the time and today, and explain how and why one event directly caused the next in our great history. Various points of interest will focus on the colonial and revolutionary eras, the industrial revolution, westward expansion, the Civil War and slavery, Native American struggles, industrialists and big business, the railroad, and a look into the turn of the century, WWI, and Roaring 20's. While this course models the timeline of the regular 8th grade history, students are expected to demonstrate a more in-depth understanding of key information by completing exercises considered above the realm of the average 8th grade student. Assessments will be on an honors level, including aspects of cause and effect, utilization of vocabulary, and open-ended responses.

GENERAL PENNSYLVANIA HISTORY AND WORLD GEOGRAPHY (28721)

CREDIT: 1

GRADES 7

This full year course is divided into two topic areas. The first area is designed to provide a geographic, economic, political and social history of the Commonwealth of Pennsylvania. The second area is designed to provide students with a global perspective on the human and physical geography that make up our world today. It invites students to use the critical thinking and geographical skills needed to understand the inter-relatedness between places and people. The topics will be facilitated in a small group setting or one-on-one instruction with an emphasis on behavioral reinforcement.

GENERAL US HISTORY (28821)

CREDIT: 1

GRADES 8

Beginning with the first permanent English settlement of Jamestown in 1607 and covering the next three centuries, 8th grade US History will present to students the story of how America came to be. Touching on key events, places, and people throughout our first 300 years from colony to global power of the early 20th century, students will be expected to analyze and interpret various primary sources, demonstrate an understanding of key terminology, used both in the context of the time and today, and explain how and why one event directly caused the next in our great history. Various points of interest will focus on the colonial and revolutionary eras, the industrial revolution, westward expansion, the Civil War and slavery, Native American struggles, industrialists and big business, the railroad, and a look into the turn of the century, WWI, and Roaring 20's. The topics will be facilitated in a small group setting or one-on-one instruction with an emphasis on behavioral reinforcement.

Mathematics

MATH 7 (23711)/LLC MATH 7 (LLC43711)

CREDIT: 1

GRADE 7

Math 7 is a course designed to build upon the mathematical skills developed in 6th grade while focusing on the Grade 7 PA Core Math standards. Students will learn ratios and proportional relationships and rational numbers using the number line. They will also study numerical and algebraic expressions and equations. Students will finish the year learning about percentages and proportional relationships.

HONORS MATH 7 (23712)/LLC MATH 7 HONORS (LLC43712)

CREDIT: 1

GRADE 7

Honors Math 7 is a course designed for the advanced seventh grade math student. It will focus on the Grade 7 PA Core Math standards as well as more advanced topics. Students will learn ratios and proportional relationships, rational numbers, and percentages and proportional relationships. They will also study numerical and algebraic expressions and equations. Further, students will explore the relationship between linear equations and functions along with properties of exponents.

TOPICS IN MATHEMATICS 7 (23721)/LLC TOPICS IN MATHEMATICS 7 (LLC43721) -
GRADE 7

CREDIT: .5

Students in grade 7 will study additional mathematical topics from the Grade 7 PA Core Mathematics standards. Students will study experimental and theoretical probability. They also will explore statistics topics such as measures of central tendency and population sampling. Finally, geometric concepts of surface area, volume, circumference, angle relationships and triangles will be taught.

MATH 8 (23810)/LLC MATH 8 (LLC43810)

CREDIT: 1

GRADE 8

Math 8 is a course designed to build upon the mathematical skills developed in seventh grade while focusing on the Grade 8 PA Core Mathematics standards. Students will study exponent rules, multiplying and dividing monomials, and scientific notation. Next, they will examine the real number system and expressions and equations. Further, students will explore linear relationships, slopes of lines, and functional notation.

HONORS ALGEBRA I (23812)/LLC ALGEBRA I HONORS (LLC43812)

CREDIT: 1

GRADE 8

Algebra I is an in-depth discussion of the fundamentals of algebra with an emphasis on preparation for the Keystone Exam. This course builds the foundation for all future mathematical courses by applying the fundamental operations of arithmetic to algebraic techniques. Emphasis is placed on simplifying and evaluating algebraic expressions, solving, graphing, and writing linear equations and inequalities, polynomial operations, factoring, data analysis and probability. Successful completion of the Keystone Algebra I Assessment is expected at the culmination of this course.

TOPICS IN MATHEMATICS 8 (23821)/LLC TOPICS IN MATHEMATICS 8 (LLC43821) -
GRADE 8

CREDIT: .5

Students in grade 8 will study additional mathematical topics from the Grade 8 PA Core Mathematics standards. This course will begin with reinforcement of basic mathematical skills and will cover topics in Geometry such as triangles, the Pythagorean Theorem, congruence and similarity in figures. Emphasis is placed on transformations, volume, and scatter plots and two-way tables.

ALL THINGS ALEGBRA 7 (27731) / LLC ALL THINGS ALGEBRA 7 (LLC47731)

CREDIT: 1

GRADES 7

This course is designed to improve basic math skills. The topics covered are grouped into the following strands: Numbers and Operations, Algebra, Geometry, Measurement, Data Analysis and Probability, Problem Solving, Communication, Mathematical Reasoning, and Connections. This curriculum uses an integrated and distributed structure in order to constantly reinforce skills and concepts, strengthen math connections, and provide practice that is rich and varied similar to the PSSA. Content is mastered through small increments followed by integrated practice and strategically-placed assessments. (Special Education)

ALL THINGS ALGEBRA 8 (27831) / LLC ALL THINGS ALGEBRA 8 (LLC47831)

CREDIT: 1

GRADES 8

This course is designed to improve basic math skills. The topics covered are grouped into the following strands: Numbers and Operations, Algebra, Geometry, Measurement, Data Analysis and Probability, Problem Solving, Communication, Mathematical Reasoning, and Connections. This curriculum uses an integrated and distributed structure in order to constantly reinforce skills and concepts, strengthen math connections, and provide practice that is rich and varied similar to the PSSA. Content is mastered through small increments followed by integrated practice and strategically-placed assessments. (Special Education)

GENERAL ALL THINGS ALGEBRA 7 (28731)

CREDIT: 1

GRADES 7

This course is designed to improve basic math skills. The topics covered are grouped into the following strands: Numbers and Operations, Algebra, Geometry, Measurement, Data Analysis and Probability, Problem Solving, Communication, Mathematical Reasoning, and Connections. This curriculum uses an integrated and distributed structure in order to constantly reinforce skills and concepts, strengthen math connections, and provide practice that is rich and varied similar to the PSSA. Content is mastered through small increments followed by integrated practice and strategically-placed assessments. (Special Education) . The topics will be facilitated in a small group setting or one-on -one instruction with an emphasis on behavioral reinforcement.

GENERAL ALL THINGS ALGEBRA 8 (28831)

CREDIT: 1

GRADES 8

This course is designed to improve basic math skills. The topics covered are grouped into the following strands: Numbers and Operations, Algebra, Geometry, Measurement, Data Analysis and Probability, Problem Solving, Communication, Mathematical Reasoning, and Connections. This curriculum uses an integrated and distributed structure in order to constantly reinforce skills and concepts, strengthen math connections, and provide practice that is rich and varied similar to the PSSA. Content is mastered through small increments followed by integrated practice and strategically-placed assessments. (Special Education). The topics will be facilitated in a small group setting or one-on -one instruction with an emphasis on behavioral reinforcement.

FUNCTIONAL MATH (29301)/ LLC FUNCTIONAL MATH (LLC49301)

CREDIT: 1

GRADES 7 & 8

This course is designed to prepare students with the mathematical concepts utilized in today's society. Students will integrate math concepts into their daily living skills. Community materials such as menus, maps, schedules and banking will be the foundation of the student's math practice. (Special Education)

Science

PHYSICAL SCIENCE (24711)/LLC PHYSICAL SCIENCE 7 (LLC44711)

CREDIT: 1

GRADE 7

Students will use a hands-on approach to learning. Topics will include motion, gravity, work and machines, elements and periodic table, and waves. Students will learn how to measure, graph and solve mathematical equations, relative to the subject matter. Research and presentations will be required on the subject matter. This class is a co-taught class following the inclusive model.

HONORS PHYSICAL SCIENCE (24712)/LLC HONORS PHYSICAL SCIENCE 7 (LLC44712)

CREDIT: 1

GRADE 7

PREREQUISITE: PARTICIPATION IN SCREENING PROCESS/TEACHER RECOMMENDATION

This course is designed for the student with a high interest level in science. Topics include states of matter, elements and the periodic table, motion, gravity, fluid forces, work and machines, and wave technology. The lab activities reinforce concepts learned in class. A final major project where students are required to create and implement their own lab experiment must be completed.

LIFE AND ECOLOGICAL SCIENCE (LECO) (24811)/ LLC LIFE AND ECOLOGICAL SCIENCE (LECO) 8 (LLC44811)

CREDIT: 1

GRADE 8

THIS 8TH GRADE LIFE AND ECOLOGICAL SCIENCE CURRICULUM IN PENNSYLVANIA FOCUSES ON DEVELOPING STUDENTS' UNDERSTANDING OF LIVING SYSTEMS AND THEIR INTERACTIONS WITHIN THE ENVIRONMENT, ALIGNED WITH THE PENNSYLVANIA ACADEMIC STANDARDS FOR SCIENCE AND TECHNOLOGY. STUDENTS EXPLORE CELL STRUCTURE AND FUNCTION, LEVELS OF BIOLOGICAL ORGANIZATION, ENERGY FLOW THROUGH ECOSYSTEMS, CYCLING OF MATTER, POPULATION DYNAMICS, AND THE IMPACT OF HUMAN ACTIVITIES ON NATURAL SYSTEMS. THROUGH HANDS-ON INVESTIGATIONS, DATA ANALYSIS, AND INQUIRY-BASED LEARNING, STUDENTS PRACTICE SCIENTIFIC REASONING, MODELING, AND EVIDENCE-BASED EXPLANATIONS. EMPHASIS IS PLACED ON ECOLOGICAL RELATIONSHIPS, ENVIRONMENTAL STEWARDSHIP, AND REAL-WORLD APPLICATIONS RELEVANT TO PENNSYLVANIA ECOSYSTEMS. BY THE END OF THE COURSE, STUDENTS WILL BE ABLE TO EXPLAIN HOW LIVING ORGANISMS DEPEND ON ONE ANOTHER AND THEIR ENVIRONMENT, EVALUATE ENVIRONMENTAL ISSUES, AND APPLY SCIENTIFIC CONCEPTS TO MAKE INFORMED DECISIONS.

HONORS LIFE AND ECOLOGICAL SCIENCE (LECO) (24812)/LLC HONORS LIFE AND ECOLOGICAL SCIENCE (LECO) 8 (LLC44812)

CREDIT: 1

GRADE 8

PREREQUISITE: HONORS PHYSICAL SCIENCE. PHYSICAL SCIENCE TEACHER RECOMMENDATION

This 8th grade Life and Ecological Science curriculum in Pennsylvania focuses on developing students' understanding of living systems and their interactions within the environment, aligned with the Pennsylvania Academic Standards for Science and Technology. Students explore cell structure and function, levels of biological organization, energy flow through ecosystems, cycling of matter, population dynamics, and the impact of human activities on natural systems. Through hands-on investigations, data analysis, and inquiry-based learning, students practice scientific reasoning, modeling, and evidence-based explanations. Emphasis is placed on ecological relationships, environmental stewardship, and real-world applications relevant to Pennsylvania ecosystems. By the end of the course, students will be able to explain how living organisms depend on one another and their environment, evaluate environmental issues, and apply scientific concepts to make informed decisions. This course values more independent work, labs which focus on creation and analysis, while moving at an accelerated pace in comparison to its counterpart.

BASIC PHYSICAL SCIENCE (27741)/ LLC BASIC PHYSICAL SCIENCE (LLC47741)

CREDIT: 1

GRADES 7

Topics covered include matter, force, motion, gravity, work and machines, elements and periodic table, waves, sound and light.. Students will engage in scientific inquiry, application of real world context and maximize comprehension through visual support, highly focused content and reinforcement of key vocabulary terms. Research and projects will be required on the subject content. Content and skills will be developed on an individualized basis according to student need.

GENERAL PHYSICAL SCIENCE (28741)

CREDIT: 1

GRADES 7

The topics that are explored include matter, force, motion, gravity, work and machines, elements and periodic table, waves, sound and light. Students will engage in scientific inquiry, application of real world context and maximize comprehension through visual support, highly focused content and reinforcement of key vocabulary terms. Research and projects will be required on the subject content. The topics will be facilitated in a small group setting or one-on-one instruction with an emphasis on behavioral reinforcement.

BASIC LIFE AND ECOLOGICAL SCIENCE (LECO) (27841) / LLC BASIC LIFE AND ECOLOGICAL SCIENCE (LLC47841)

CREDIT: 1

GRADES 8

The topics that are explored include Scientific Method, Characteristics of Life, Genetics, Chemistry of Life, and Ecosystems, Diversity and Adaptations of Organisms. Students will engage in scientific inquiry, application of real world context and maximize comprehension through visual support, highly focused content and reinforcement of key vocabulary terms. Research and projects will be required on the subject content. Content and skills will be developed on an individualized basis according to student need.

GENERAL LIFE AND ECOLOGICAL SCIENCE (LECO) (28841)

CREDIT: 1

GRADES 8

Topics covered include Structure and Function of Living Systems, Heredity, Populations and Ecosystems, and Diversity and Adaptations of Organisms. Students will engage in scientific inquiry, application of real world context and maximize comprehension through visual support, highly focused content and reinforcement of key vocabulary terms. Research and projects will be required on the subject content. The topics will be facilitated in a small group setting or one-on-one instruction with an emphasis on behavioral reinforcement.

Arts & Humanities

ART 7 (25711)

CREDIT: .25

GRADE 7

Art 7 is a 45-day introduction to drawing, painting, and design. Students in Art 7 learn to create works of art from observation through the use of structure maps, angle measuring techniques, color manipulation, and 3-D modeling. Wildlife, portraits, landscapes, still-life, and perspective are a few of the topics covered. In addition, students engage in project-based Art History and an exploration of craft or sculpture.

MUSIC (25811)

CREDIT: .25

GRADE 8

Students will explore a variety of musical units to gain an appreciation and understanding of music. Units will include discussions of the elements of music, notation, instruments, composers, world music, jazz, and music history. Students are provided opportunity to express their creativity within each unit. In addition, students will use technology, percussion instruments, and electronic keyboards to demonstrate understanding of the course objectives.

CONCERT BAND (26911)

CREDIT: 1

GRADES 7 & 8

Students will have the opportunity to participate and perform in a large instrumental ensemble. Traditional and contemporary pieces from the band repertoire will be explored. In addition, students will receive one small group or private lesson per week. Winter and spring concerts will showcase the musical works taught during the year. Students are expected to attend all performances. A full year of Concert Band can waive the Music course requirement in grade 8.

CHORUS (26921)

CREDIT: 1

GRADES 7 & 8

Chorus is a vocal music ensemble that is open to all students who audition. Students will learn the basics of music notation and vocal production. Many styles of music will be utilized. Written and vocal tests will be given to review students' understanding of the basic concepts. Students are expected to perform with the chorus at three after school concerts. A full year of Chorus can waive the Music course requirement in grade 8.

BAND/CHORUS (26931 & 26941)

CREDIT: 1

GRADES 7 & 8

The Band/Chorus section allows students who play an instrument in the Concert Band to perform with the Chorus. Both groups explore and rehearse quality repertoire and perform a minimum of two concerts. Students are expected to attend all performances. A full year of Band/Chorus can waive the Music course requirement in grade 8.

FCS and Technology Ed.

INTRODUCTION TO STEM (25721)

CREDIT: .25

GRADE 7

In this one quarter course, students will be introduced to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. The course is designed around problem based learning and is hands on oriented through real-life application. Students will explore some of the great discoveries and innovations in STEM and review and analyze some of the world's problems that still exist today. Students are introduced to several technological applications used to analyze and present technical or scientific information. Throughout the course, students will explore 6 sub-categories including Bio-Technology, Communication, Construction, Energy and Power, Manufacturing and Transportation. Areas of focus will include construction techniques, transportation methods, geometry, graphic language, forces, loads, and additional topics related to STEM.

COMPUTER SCIENCE EXPRESS 1 (25741)

CREDIT: .25

GRADE 7

Students learn to create computer programs that will help them learn to collaborate with others, develop problem-solving skills, and persist through difficult tasks. Using the micro:bit devices, students will explore loops, conditionals, and functions.

COMPUTER SCIENCE EXPRESS 2 (25841)

CREDIT: .25

GRADE 8

Students will study programming concepts, computational thinking, digital citizenship, and develop interactive games or stories they can share. Using the micro:bit devices, students will explore variables. As a culminating project, student will be building a project of their own design using either Sprite Lab or Artist as their programming environment.

FAMILY & CONSUMER SCIENCE (25821)

CREDIT: .25

GRADE 8

This one quarter class provides an introduction to various topics of Family and Consumer Sciences. Students will learn skills needed to be more independent in the areas of food and nutrition, child safety and development, consumerism and finance. Students will have hands on learning activities throughout the course that will teach how to balance family, work, and community responsibilities. The students will attend Finance Park for an opportunity to build a foundation for making intelligent, lifelong financial decisions.

LIFE SKILLS (29201)

CREDIT: 1

GRADES 7 & 8

This course will prepare students with functional daily living skills. Students will open bank accounts and understand/complete transactions. Students will explore career math utilizing maps, menus, and schedules. Job skill training will be provided in the area of office duties (receptionist skills) and various community based trips.

ADULT LIVING (29401)

CREDIT: 1

GRADES 7 & 8

This course is designed for the students needing instruction in various independent living skills. It involves numerous performance areas, such as: cooking, travel training, money management, sewing, housekeeping, comparison shopping, interpersonal skills, and community service. Students spend at least 2 class periods per week in the community. These skills will be developed on each student's instructional level. Students will be involved in a service learning project.

Physical Education/Wellness

PHYSICAL EDUCATION (25011)/LLC PHYSICAL EDUCATION 7&8 (LLC45011)

CREDIT: .5

GRADES 7 & 8

The Physical Education program facilitates development of skills and interest in fitness activities for all students.

WELLNESS 7 (25731)/LLC WELLNESS 7 (LLC45731)

CREDIT: .25

GRADE 7

Part 1 of 2 part course—Wellness creates an awareness about overall health and well-being. Students examine how their choices impact their physical, mental, social and emotional health. Decisions about relationships, negative peer influences, stress feelings, sexual harassment, bullying and drugs are evaluated through role playing situations. This course also analyzes the impact of nutrition and exercise on major body systems. The prevention, symptoms and treatment of system diseases/disorders are emphasized along with the relationships among the systems. Wellness promotes the development of lifelong healthy behaviors and the acceptance of personal responsibility.

7TH GRADE CAREERS (25751)/LLC 7TH GRADE CAREERS (LLC45751)

CREDIT: .13

GRADE 7

In this course students will utilize the Choices 360 Career Exploration Program to discover their interest areas in order to make informed decisions regarding their future. Students will complete the Interest Profiler and Basic Skills Survey, which will provide them with different career options and a sense of self awareness as an independent student.

WELLNESS 8 (25831)/LLC WELLNESS 8 (LLC45831)

CREDIT: .25

GRADE 8

Part 2 of 2 part course—Wellness creates an awareness about overall health and well-being. Students examine how their choices impact their physical, mental, social and emotional health. Decisions about relationships, negative peer influences, stress feelings, sexual harassment, bullying and drugs are evaluated through role playing situations. This course also analyzes the impact of nutrition and exercise on major body systems. The prevention, symptoms and treatment of system diseases/disorders are emphasized along with the relationships among the systems. Wellness promotes the development of lifelong healthy behaviors and the acceptance of personal responsibility.

8TH GRADE CAREERS (25851)/LLC 8TH GRADE CAREERS (LLC45851)

CREDIT: .13

GRADE 8

In this course students will utilize the Choices 360 Career Exploration Program to discover their interest areas in order to make informed decisions regarding their future. Students will be introduced to different career pathways and create an individualized career plan based on various career clusters.

Administrative Staff

James E. McGovern-Superintendent of Schools

Tracey L. Liparela-Assistant to the Superintendent

Matthew Nonnenberg- Principal

Donald James- Administration

Tina Antonello- Director of Special Education

School Counselors

Jane Kilduff-Molino

Allison Everett (Cyber)

Guidance Secretary

Robin Ungureit

School Secretary

Tina Maciejczak

Nurse

Megan Margavage

Faculty

Michael Albee

Erica Berrenttini

Kelly Cave-Mattie

Jenna Casaldi

Amber Comstock

Jill Little

Jill Finarelli

Christina Goble

Sandra Gromniak

Savannah Harrison

Nicole Height

Gail Honeywell

Jeffrey Hynick

Dwayne Kalinay

Anita Kerkowski

Elena Knepper

Cheryl Kulikowski

Joseph Nice

Caroline Perillo

Stacey Ruddy

Matthew Shaul

Walter Simko

John Sobocinski

Paul Venetz

Elizabeth Vojtko

Erin Whitesell

Christina Woronko

Joseph Yankoski

Lake-Lehman Administrative Offices

PO Box 38, Lehman, PA 18627-0038

or call at (570) 675-2165

Course Requests

7th Grade Course Selections

Language Arts

- Language Arts 7 (21711)
- Honors Lang. Art 7 (21712)
- Nonfictional Reading & Comp. 7 (21721)
- Wilson Reading* (26511)
- SRA* (26521)
- Basic Language Arts 7* (27711)
- General Language Arts 7* (28711)
- Functional Language Arts* (29101)

Social Studies

- PA History and World Geography (22711)
- Honors PA History and World Geography (22712)
- General History 7* (28721)

Mathematics

- Math 7 (23711)
- Honors Math 7 (23712)
- All Things Algebra 7* (27731)
- General All Things Algebra 7* (28731)
- Functional Math* (29301)
- Topics in Math 7 (23721)

Science

- Physical Science (24711)
- Honors Physical Science (24712)
- Basic Physical Science * (27741)
- General Science 7* (28741)

Required 7th Grade Specials

- Phys. Ed. (25011)
- Art 7 (25711)
- Intro to STEM (25721)
- Wellness 7 (25731)
- Computer Science Express 1 (25741)
- 7th Grade Careers (25751)

7th Grade Electives

- Concert Band (26911)
- Chorus (26921)
- Band/Chorus (26931 & 26941)
- Life Skills* (29201)
- Adult Living* (29401)
- Gifted* (26011)

*Denotes Identified Students Only

8th Grade Course Selections

Language Arts

- Language Arts 8 (21811)
- Honors Lang. Art 8 (21812)
- Reading & Comp. 8 (21821)
- Wilson Reading* (26511)
- SRA* (26521)
- Basic Language Arts 8* (27811)
- General Language Arts 7* (28811)
- Functional Language Arts* (29101)

Social Studies

- US History (22811)
- Honors US History (22812)
- General History 8* (28821)

Mathematics

- Math 8 (23810)
- Algebra I (23811)
- Honors Algebra I (23812)
- All Things Algebra 8* (27831)
- General All Things Algebra 8 * (28831)
- Functional Math* (29301)
- Topics in Math 8 (23821)

Science

- Life and Ecological Science (LECO) (24811)
- Honors Life and Ecological Science (LECO) (24812)
- Basic Life and Ecological Science (LECO) * (27841)
- General Life and Ecological Science (LECO) * (28841)

Required 8th Grade Specials

- Phys. Ed. (25011)
- Music (25811)
- Family and Consumer Science (25821)
- Wellness 8 (25831)
- Computer Science Express 2 (25841)
- 8th Grade Careers (25851)

8th Grade Electives

- Concert Band (26911)
- Chorus (26921)
- Band/Chorus (26931 & 26941)
- Life Skills* (29201)
- Adult Living* (29401)
- Gifted* (26011)

*Denotes Identified Students Only

