

LAKE-LEHMAN  
JUNIOR HIGH SCHOOL

CURRICULUM  
GUIDE

*2020-2021*



|  |    |
|--|----|
| Principal's Message.....                 | 3  |
| Educational Programs                     |    |
| Planned Courses.....                     | 4  |
| General Information.....                 | 4  |
| Grading System.....                      | 5  |
| Honor Roll.....                          | 5  |
| Course Listing.....                      | 5  |
| Special Programs                         |    |
| Programs of Study.....                   | 6  |
| Course Descriptions                      |    |
| Language Arts.....                       | 7  |
| Social Studies.....                      | 9  |
| Mathematics.....                         | 11 |
| Science.....                             | 13 |
| Arts/Humanities.....                     | 15 |
| Family and Consumer Science/Tech Ed..... | 16 |
| Physical Education/Wellness.....         | 17 |
| Directory.....                           | 18 |
| Course Requests.....                     | 19 |

*Message from the Principal*

To the Students of the Lake-Lehman Junior High School:

This booklet has been prepared to help you understand the program of studies available at Lake-Lehman Junior High School. It is designed to assist you in selecting your classes for the upcoming school year.

Students at LLJHS take a combination of mandatory and elective courses that are offered as full year, semester and marking period classes. Honors level courses are offered in all core subjects. Additionally, science and social studies courses are taught using a co-teaching, inclusive model.

The School Counselor and the Administration of the LLJHS are available to assist students and parents/guardians with course selections. It is important to make choices that are realistic and appropriate to the student's education and career goals.

Parents and students should review the Lake-Lehman Junior High School Curriculum Guide thoroughly. Careful consideration should be given when selecting the academic programs. It is also important to take into consideration the extra-curricular and athletic programs in which students may choose to participate.

Please do not hesitate to contact the Guidance Department or Administration should you have any questions regarding course selection and scheduling for the upcoming school year.

Sincerely,

Douglas Klopp  
Principal

## *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.

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## *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  
Guidance 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  
Guidance 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 IEP. 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 Learners (ELL) Program*

The ELL Program is part of the core curriculum; it replaces the English planned instruction requirement under Chapter 4. The student shall receive sufficient instructional time from a Pennsylvania certified teacher with appropriate resource materials.

The teacher shall use an assessment system that monitors student progress in learning English. The ELL Program shall be evaluated annually to determine if the ELL is achieving success 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.

## *Language Arts*

### LANGUAGE ARTS 7 (21711)

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, with specific quarterly point requirements, is expected and monitored via the Accelerated Reader program.

### HONORS LANGUAGE ARTS 7 (21712)

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 and specific quarterly point requirements, is expected and monitored via the Accelerated Reader program. 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)

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 master grammar, write expository, narrative, and argumentative essays with an emphasis on avoiding plagiarism. A research element will be introduced. Students will read various nonfiction selections. In addition, grade-level vocabulary acquisition will be reinforced. Students will participate in The Pennsylvania System of School Assessment- PSSA.

### LANGUAGE ARTS 8 (21811)

CREDIT: 1

GRADE 8

The English Language Arts 8 focuses on the Pennsylvania Core Standards and complements 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, with specific quarterly point requirements, is expected and monitored via the Accelerated Reader program. This course is aligned to the Pennsylvania State Standards by embracing PSSA strategies, prompts and rubrics.

### HONORS LANGUAGE ARTS 8 (21812)

CREDIT: 1

GRADE 8

**PRE-REQUISITE: PARTICIPATION IN SCREENING PROCESS**

The Honors English Language Arts focuses on the Pennsylvania Core Standards and complements 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 and specific quarterly point requirements, is expected and monitored via the Accelerated Reader program. 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)**

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 &amp; 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 &amp; 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)**

CREDIT: 1

GRADES 7 &amp; 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, with specific quarterly point requirements, is encouraged and monitored via the Accelerated Reader program. Skills will be developed according to each student's individual level. (Special Education)

**GENERAL LANGUAGE ARTS (28711 & 28811)**

CREDIT: 1

GRADES 7 &amp; 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)**

CREDIT: 1

GRADES 7 &amp; 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)

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)

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)

CREDIT: 1

GRADE 8

Beginning with the first permanent English settlement of Jamestown in 1607 and covering the next three centuries, 8<sup>th</sup> 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 20<sup>th</sup> 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)

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, 8<sup>th</sup> 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 20<sup>th</sup> 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 8<sup>th</sup> 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 8<sup>th</sup> 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)**

CREDIT: 1

GRADE 7

Math 7 is a course designed to build upon the mathematical skills developed in sixth grade while focusing on the Grade 7 PA Core Math standards. Topics include: the number system, ratios & proportional relationships, expressions & equations, geometry, and statistics & probability. This course incorporates a math lab to provide extension activities for remediation/enrichment.

**HONORS MATH 7 (23712)**

CREDIT: 1

GRADE 7

**PREREQUISITE: TEST ADMINISTERED TO QUALIFY FOR THIS COURSE**

Honors Math 7 is a course designed for the advanced seventh grade math student. Honors Math 7 focuses on both the Grade 7 PA Core Math standards as well as basic algebra concepts to build a foundation for Algebra 1. Topics include: the number system, ratios & proportional relationships, expressions & equations, functions, geometry, and statistics & probability. This course incorporates a math lab to provide extension activities for remediation/enrichment.

**MATH 8 (23810)**

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 Math standards. Topics include: the number system, expressions & equations, functions, geometry, and statistics and probability. This course incorporates a math lab to provide extension activities for remediation/enrichment.

**ALGEBRA I (23811)**

CREDIT: 1

GRADE 8

**PREREQUISITE: TEST ADMINISTERED TO QUALIFY FOR THIS COURSE**

Algebra I is an in-depth exploration of the fundamentals of algebra while also focusing on both the Grade 8 PA Core Math standards and PA Keystone Standards. Topics include: the number system, operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, statistics & probability, and data analysis. This course incorporates a math lab to provide extension activities for remediation/enrichment.

**HONORS ALGEBRA I (23812)**

CREDIT: 1

GRADE 8

**PREREQUISITE: TEST ADMINISTERED TO QUALIFY FOR THIS COURSE**

Honors Algebra I is for the advanced math student. Honors Algebra I is an in-depth exploration of the concepts of algebra while also focusing on both the Grade 8 PA Core Math standards and PA Keystone Standards. Topics include: the number system, operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, statistics & probability, data analysis, polynomials and quadratic functions and equations. This course incorporates a math lab to provide extension activities for remediation/enrichment.

**SAXON MATHEMATICS 7 (27731)**

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)

**SAXON MATHEMATICS 8 (27831)**

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 SAXON MATH 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 SAXON MATH 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)**

CREDIT: 1

GRADES 7 &amp; 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)

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)

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.

### INTRODUCTION TO BIOLOGY (24811)

CREDIT: 1

GRADE 8

Students will use a hands-on approach to learn 'life' concepts, utilizing many of the living organisms found within the classroom. Students explore topics ranging from the scientific method and plant/animal cell structure and function, to chemistry, genetics, and the complexities of entire organisms and ecosystems. Classroom coral reef ecosystems and their conservation will be highlighted in our study of the life sciences. Additionally, laboratory activities will be used frequently to complement studies, featuring both indoor and outdoor activities which offer progressive practice with procedures and equipment. This course is designed to introduce concepts of Biology that will be continued in 9th grade Biology, which will prepare students for the Keystone Biology Exam.

### HONORS INTRODUCTION TO BIOLOGY (24812)

CREDIT: 1

GRADE 8

**PREREQUISITE: HONORS PHYSICAL SCIENCE. PHYSICAL SCIENCE TEACHER RECOMMENDATION**

This is designed for the 8th grade student with a high interest level in science. The goal of this course is to develop respectful, organized, well-balanced, scientifically literate students who can engage in and adequately complete lab procedures using sound logical/scientific reasoning. In doing so, they will utilize proper safety precautions, lab equipment and methods while understanding and analyzing the themes of structure and function among all living systems. Students will have the ability to apply their knowledge creatively to both new and real-life situations through extensive hands-on activities and labs following a mix of teacher-centered and student-centered approaches. Scientific topics of extended study will include the scientific method, the chemistry of life, cell structures and functions, genetics as it relates to the overall function of whole organisms, adaptations of whole organisms in relation to their environment, anatomy and physiology of whole organisms, the components of ecosystems as they relate to both the natural climate of the world biomes and how organisms adapt to their relative surroundings. Classroom organisms, including full coral reef ecosystems, will be featured and used throughout the entirety of the subject matter mentioned above. Research projects and presentations on the subject matter are required components of the course. A final major project, in which students design and implement their own lab, must be completed. This course is designed to introduce concepts of Biology that will be continued in the 9th grade Biology Course, which will prepare students for the Keystone Biology Exam.

### BASIC PHYSICAL SCIENCE (27741)

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. 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 INTRODUCTION TO BIOLOGY (27841)

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 INTRODUCTION TO BIOLOGY (28841)

CREDIT: 1

GRADES 8

The topics that are explored 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 90-day introduction to secondary-level 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 &amp; 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 &amp; 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 &amp; 26941)

CREDIT: 1

GRADES 7 &amp; 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

This is a one quarter course introduces students 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

Computer Science Express 1 is the first part of a two part course. 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

Computer Science Express 2 is the second part of a two part course. 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 is a one semester class. It will give students an introduction to the various areas 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 &amp; 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 &amp; 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)

CREDIT: .5

GRADES 7 & 8

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

### WELLNESS 7 (25731)

CREDIT: .25

GRADE 7

Part 1 of 2 part course—Wellness creates an awareness about health issues confronting teens today. Students examine how their values and choices are connected to everyday decisions regarding 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.

### GUIDANCE 7 (25751)

CREDIT: .1

GRADE 7

This course is designed to assist students with the transition to junior high. Topics include: what to expect in junior high, building successful relationships with teachers and peers, study skills, organization and time management, and career exploration.

### WELLNESS 8 (25831)

CREDIT: .25

GRADE 8

Part 2 of 2 part course—Wellness creates an awareness about health issues confronting teens today. Students examine how their values and choices are connected to everyday decisions regarding 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.

### GUIDANCE 8 (25851)

CREDIT: .1

GRADE 8

This course is designed to further assist students as they navigate through junior high and prepare for high school. Topics include: decision making, study habits and career exploration.

*Administrative Staff*

James E. McGovern-Superintendent of Schools  
Tracey L. Liparela-Assistant to the Superintendent  
Douglas Klopp-Principal  
Matthew Nonnenberg-Assistant Principal  
Tina Antonello-Portee-Supervisor of Special Education

*School Counselors*

Tara Sears  
Peyton Roberts

*School Secretary*

Tina Maciejczak

*Counseling Secretary*

Gail Kozich

*Nurse*

Karen Muldoon

*Faculty*

Michael Albee  
Jenna Casaldi  
Jill Chocallo  
Jill Finarelli  
Christina Goble  
Sandra Gromniak  
Patricia Harrison  
Savannah Harrison  
Nicole Height  
Gail Honeywell  
Jeffrey Hynick  
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Megan Kuffa  
Cheryl Kulikowski  
Michael Leskowsky  
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Caroline Perillo  
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John Sobocinski  
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Lake-Lehman Administrative Offices

PO Box 38, Lehman, PA 18627-0038

or call at (570) 675-2165

## 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)
- ☐ Saxon Math 7\* (27731)
- ☐ General Math 7\* (28731)
- ☐ Functional Math\* (29301)

### 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)
- ☐ Guidance 7 (25751)

### 7th Grade Electives

- ☐ Concert Band (26911)
- ☐ Chorus (26921)
- ☐ Band/Chorus (26931 & 26941)
- ☐ Life Skills\* (29201)
- ☐ Adult Living\* (29401)
- ☐ Gifted\* (26011)
- ☐ Extra Help Study Hall\* (EHSB)

\*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)
- ☐ Saxon Math 8\* (27831)
- ☐ General Math 8 \* (28831)
- ☐ Functional Math\* (29301)

### Science

- ☐ Intro to Biology (24811)
- ☐ Honors Intro to Biology (24812)
- ☐ Basic Intro to Biology\* (27841)
- ☐ General Science 8\* (28841)

### Required 8th Grade Specials

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

### 8th Grade Electives

- ☐ Concert Band (26911)
- ☐ Chorus (26921)
- ☐ Band/Chorus (26931 & 26941)
- ☐ Life Skills\* (29201)
- ☐ Adult Living\* (29401)
- ☐ Gifted\* (26011)
- ☐ Extra Help Study Hall\* (EHSB)