

2018-2019 CURRICULUM GUIDE



**Northern Lehigh Middle
School**

NORTHERN LEHIGH MIDDLE SCHOOL

NON-DISCRIMINATION POLICY

Northern Lehigh School District is an equal opportunity educational institution and will not discriminate on the basis of race, religion, age, color, national origin, sex, handicap or limited English proficiency in its activities, programs or employment practices as required by Title VI, Title IX and Section 504.

If you are physically or mentally handicapped, you may qualify for special services and instruction and equipment modifications so you can successfully complete the educational program or participate in activities.

For information regarding civil rights or grievance procedures, contact Mr. Michael Michaels, Title IX Coordinator, Title VI Coordinator, and Section 504 Coordinator at the Northern Lehigh School District Office located at 1201 Shadow Oaks Lane, Slatington, PA 18080, Office of the Superintendent, (610) 767-9800.

For information regarding services, activities and facilities that are accessible to and useable by handicapped persons, also contact Mr. Matthew Link.

SPECIAL EDUCATION SERVICES

The Northern Lehigh School District, either directly or indirectly through various other education agencies including the Carbon Lehigh Intermediate Unit #21, provides special education services which may be required by children with special needs. The special education contacts are Special Education Coordinator, Mrs. Michelle Dotta, and the school psychologist. They can be contacted at (610) 767-9858 regarding special education services. Similarly, guidance counselors may be contacted regarding specific special education issues at the building level.

The Types of Programs and Services Are:

1. Academic Support
2. Life Skills Support
3. Emotional Support
4. Sensory Support
5. ESL Support

COURSE DESCRIPTIONS

GRADE SEVEN

10070 MUSIC 7

Students will study the basic elements of music history. Students will be brought into contact with concepts, which will give them the knowledge and skills to appreciate the art of music and to become active, well-rounded listeners and music consumers.

Each day for 1 marking period

0.25 Credit

10071 ART 7

Art curriculum at the seventh grade level will focus on expanding arts integration through various cross-curricular projects. Students will use a wide variety of media to develop both 2-d and 3-d projects.

Each day for 1 marking period

0.25 Credit

10072 TECHNOLOGY EDUCATION 7

Seventh grade technology is an introductory course. Using hands on learning, students will be introduced to IBM compatible computers and their uses in today's ever-changing technological environment. Students will experience everyday use of the computers to better understand the processes and applications used in the market place. Students will focus their attention on the visual communications aspects by learning CAD (computer aided design), and computer graphic design.

Each day for 1 marking period

0.25 Credit

10073 FAMILY & CONSUMER SCIENCE 7

The seventh grade Family & Consumer Science Class centers on introducing the student to life skills. The foods unit will concentrate on proper measuring techniques, learning and using basic cooking terms, and practicing skills by preparing several recipes. The sewing unit will consist of an introduction to the use and care of the sewing machine and the construction of a basic sewing project. The students will discuss health and safety when caring for young children.

Each day for 1 marking period

0.25 Credit

10074 COMPUTER BASICS

Computer Basics is a seventh grade technology course which meets each day for one marking period of the school year. Students will learn the basics of effective research, along with PowerPoint concepts through assigned class projects. Students will also expand on Microsoft Word and Microsoft Excel, if time permits. This course is designed to enable the students to enjoy the computer for both recreational and academic needs. In addition, alphabetic keyboarding by touch will be reviewed. *Touch keyboarding* of the *numeric keys* and the *keypad* will receive the emphasis with the goal of training the students to use proper techniques so that they will develop the ability to key accurately *without looking at the keys*.

Each day for 1 marking period

0.25 Credit

11178 PERFORMING ARTS 7

Students will explore the main instruments of communication and expression: The body and the voice. Throughout the marking period, students will build skills designed to improve their ability to communicate. This can help students when they do any kind of public speaking both inside and outside of school. It will also benefit students interested in continuing their study of music or theater.

Each day for 1 marking period

0.25 Credit

10770 PHYSICAL EDUCATION 7

The seventh grade program focuses on developing an acceptable level of fitness using the mile run, Pacer test and Fit America Equipment, developing skills necessary to participate in various team and lifetime sport activities, and fosters an atmosphere of cooperation with other students.

Each day for 1 marking period

0.25 Credit

10772 HEALTH/SKILLS FOR ADOLESCENTS 7

This seventh grade course includes the following topics of instruction: skills for adolescence, personality, relating to others-friends, stress and mental health, exercise & fitness, nutrition, skeletal & muscular system, AIDS, drugs & alcohol, and American Red Cross first aid.

Each day for 1 marking period

0.25 Credit

11179 **ELA 7**

Through our new online curriculum, Pearson's *MyPerspectives*, you will expand your knowledge and usage of grammar, vocabulary, literature, and, above all else, the art of creative writing. We do a *lot* of writing that will help discover your creativity (whether you think it exists or not) and ask you to think about a wide variety of topics. Listening and speaking skills will also be practiced every day. Yes, I want to hear your voice and opinions (*at the right time*). We will read one novel, many short stories and watch various web-based videos to connect classroom-taught skills to the real world. Early in the year, you will complete a multi-media Interview Project, supplementing our "Generations" unit. The second half of the year will include the "Mystery Story Project" – your choice of a paper, poster/diorama, or homemade movie.

Full year

1.0 Credit

10271 **OLD WORLD CULTURES**

In Old World Cultures, students will learn about the exciting and fascinating history of the Ancient World. We will start at the very beginning of history – even before humans had the technology and intelligence to record their history. Students will study the Neanderthals, Cro-Magnons, and ancient Egyptians, Greeks, and Romans. Students will discover how our ancient ancestors developed culture, religion, and technology and how people came together to create magnificent societies and empires. By studying these exciting times and current events, students will be able to link the past with the present and understand how the history of yesterday shapes our world today.

Full year

1.0 Credit

10371 **MATH 7**

This course is intended to prepare those students who are not yet ready for Pre-Algebra in grade 7. It will concentrate on developing a student's skills in the following areas: enumeration, basic arithmetic operations for whole numbers, fractions, decimals, and percents, ratios, proportions, problem solving skills, informal geometry, measurements and calculator skills. These concepts will be taught and reinforced through our online Digits Curriculum. Students will be expected to work online in and out of school. The Websites used are www.mymathuniverse.com and <http://hosted36renlearn.com/26641/HomeConnect>

Full year

1.0 Credit

10083 FAMILY AND CONSUMER SCIENCE 8

The eight grade Family and Consumer Science Class will continue with the study of foods and nutrition. The students will be taught about meal management, the relationship between diet and health, and being a wise consumer. The students will prepare a variety of cooking labs. The students will be introduced to career exploration. The students will broaden their vocabulary with terms that will further their knowledge on college and universities. The students will use the Career Cruising website to complete a project that requires them to research and analyze career pathways, post-secondary institutions, and courses that are available in our high school to put them in the best position to succeed after graduation. The students will also learn about financial management and the effect of color and design when decorating in their home.

Each day for 1 marking period

0.25 Credit

10086 TECHNOLOGY EDUCATION 8

The eighth grade technology education course is designed with the visual communications area of technology in mind. Students will be instructed in the use of AutoCAD drawing software related to this area. C.A.D. (computer aided design) is a major part of this class. The students will learn measuring and scale, drawing techniques and the basic vocabulary related to the drafting profession. Students will also experience desktop publishing by using various software, scanners, and digital cameras.

Each day for 1 marking period

0.25 Credit

111788 PERFORMING ARTS 8

Students will expand on the performing arts concepts and skills they learned in 7th grade and use them in class performances. Students will explore how actors and actresses take a script and transform the words on the page into a high-level performance. The class will learn, analyze, and perform a short scene in order to apply the concepts and skills they have developed.

Each day for 1 marking period

0.25 Credit

10680 INFORMATION TECHNOLOGY & SAFETY 8

Information Technology and Safety is an eighth grade technology course that meets every day for one marking period. Students will learn the importance of using the Internet wisely. Subjects that will be discussed are Internet Dangers and Safety precautions, Cyberbullying and what to do about it, as well as, Social Networking Safety, among other things. This course is project based. Students should leave with the understanding and awareness that the Internet can be dangerous, depending on how they use it and the information that they share. Students will become familiar with the signs of safety concerns and how to handle it.

Each day for 1 marking period

0.25 Credit

10780 PHYSICAL EDUCATION 8

The eighth grade program builds upon the skills and fitness levels attained in seventh grade with an added emphasis on teamwork, a conceptual knowledge of the activity and further development of social skills. The Fit America equipment and Pacer Test will be used to increase fitness levels.

Each day for 1 marking period

0.25 Credit

10782 HEALTH 8

The eighth grade health course is designed to provide students with knowledge in these six major areas: mental and social health, body systems, fitness and wellness, nutrition, drugs and high risk behaviors, and AIDS and Lyme disease awareness. In addition, those physical, mental, and social dimensions of health necessary for one to live a balanced lifestyle are included.

Each day for 1 marking period

0.25 Credit

10184 ELA 8

The 8th grade English Language Arts course is using a fully integrated ELA curriculum called myPerspectives by Pearson Education. Our curriculum will focus on three key areas: reading, writing and grammar skills. Throughout the year we will be reading short stories and learning reading strategies and test-taking skills to respond to the literature. We will also focus on a variety of writing such as writing to respond to literature, text-dependent analysis, and informational, narrative and argumentative essays. Finally, students will learn new vocabulary and grammar skills, many of which are incorporated into their writing. A majority of this course is done online and students will have access to their work from both home and school.

Full year

1.0 Credit

10281 UNITED STATES HISTORY

The social studies program in the eighth grade concentrates on the history of the United States. The course starts with the discovery, exploration, and colonization of this country. Special emphasis is placed on why people left Europe to settle in America. The second point of emphasis deals with the American Revolution and the many problems faced by this nation prior to, during, and after the war. After studying about the formation of a new government with its accompanying Constitution, we move to the nation's growth both geographically and industrially. The course also deals with the many conflicts that arise not only within our country but beyond its borders as well. During this period, the Mexican War, Indian Wars, and eventually the Civil War are studied. The nation's rapid growth after the Civil War is our next area of study. Included in this time period are immigration, industrialization, and the birth of the United States as a world power.

Full year

1.0 Credit

10381 PRE-ALGEBRA 8

This course will develop a transition between elementary math and Algebraic concepts. Areas of concentration include the following: integers and other subsets of real numbers, scientific notation, variables and expressions, inequalities, probability, proportion, statistics, geometric concepts, and an introduction to the coordinate plane. These concepts will be taught and reinforced through our online Digits Curriculum. Students will be expected to work online in and out of school. The Websites used are www.mymathuniverse.com and <http://hosted36renlearn.com/26641/HomeConnect>

Full year

1.0 Credit

10382 ALGEBRA I

This course will concentrate on developing a student's knowledge base in various algebraic concepts. Some of the areas of study include the following: algebraic operations, integers, exponents, polynomials, factoring, linear equations and inequalities, rational expressions, problem solving, and informal geometry. These concepts will be taught and reinforced through our online Digits Curriculum. Students will be expected to work online in and out of school. The Websites used are www.mymathuniverse.com and <http://hosted36renlearn.com/26641/HomeConnect>

Full year

1.0 Credit

10481 EARTH-SPACE SCIENCE

The eighth grade science course is primarily involved with focusing the attention of the student on the scientific processes that surround him in the real world. It is important that the student be aware of these processes because of the many judgments and decisions he/she will have to make later as a citizen of his community. This will have a direct bearing on both his environment and his/her quality of life.

The course encompasses the major subdivisions of science which include geology, meteorology, cartography, physiography, and astronomy.

Full year

1.0 Credit

11101 FLEX

This course is designed to give the students opportunity to participate in band, choir, maker-space and other activities. It is also the period in which they will be completing their career cruising activities to complete their electronic portfolio towards graduation under the new PA Education mandate of ESSA.

Full year

0.25 Credit

*** ADAPTIVE PHYSICAL EDUCATION**

The adaptive program in the middle school contains a modified phase, which includes students who are unable to participate in regular physical education classes because of illness or injury and a remedial phase that includes students with conditions that may be improved or corrected through specific exercise programs.

This program is available to all students in grades 7& 8 on a permanent or temporary basis upon the recommendations of (1) school or family physician, (2) parents, and (3) school. Students remain in the program only as long as they benefit from personalized instruction.