

Northeastern Middle School

2017-2018 Course Description Guide

6th Grade

English 6 - 0420.06

Students apply skills they learned in earlier grades to make sense of longer, more challenging text. They interpret figurative language and words with multiple meanings. They examine an author's choice of words and reasonableness of statements in nonfiction works. They critique the believability of characters and plots in fiction works. They begin to read autobiographies. They read and respond to fiction selections, such as classic and contemporary literature, historical fiction, fantasy or science fiction, mystery or adventure, folklore or mythology, poetry, short stories, and dramas, and nonfiction selections, such as subject area books, biographies, magazines and newspapers, various reference or technical materials, and online information. Students self-select books of interest and read independently for enjoyment. Students apply language skills and strategies they learned in earlier grades. Using oral discussion, reading, writing, art, music, movement, and drama, students respond to fiction, nonfiction, and informational selections or reality-based experiences, multimedia presentations, and classroom or group experiences. They apply their research skills by writing or delivering reports that demonstrate the distinction between their own ideas and the ideas of others. They use simple, compound, and complex sentences to express their thoughts. They deliver oral presentations on problems and solutions and show evidence to support their views. Students also listen to literature read aloud to them and write independently for enjoyment.

Math 6 - 0430.06

Students begin the transition from the heavy emphasis on number and operations at the elementary school level towards a more formalized understanding of mathematics that occurs at the high school level. Students connect previous knowledge of multiplication, division, and fractions to ratios and proportional relationships; extend previous understanding of the number system and operations to fractions and negative numbers; apply and extend previous understandings of the number line to plot coordinate pairs on a Cartesian plane; formalize algebraic thinking into algebraic expressions and equations; apply their previous knowledge of geometry in real-world and mathematics situations; and begin to develop understanding of statistical variability and distributions. As in all mathematics courses, the Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Science 6 – 0460.06

Students in sixth grade understand that matter is composed of different states with different properties and that energy has different forms with unique characteristics. They understand the relationships between celestial bodies and the force that keeps them in regular and predictable motion. They describe the complex relationships that exist between organisms in all ecosystems and they understand that the major source of energy for all ecosystems is the sun.

Social Studies 6 – 0470.06

Students in sixth grade compare the history, geography, government, economic systems, current issues, and cultures of the Western World with an emphasis on: (1) Europe, (2) North America, (3) South America, (4) Central America, (5) the Caribbean region, and (6) Antarctica. Instructional programs for sixth grade students include experiences which foster the passage from concrete examples to abstract reasoning, concepts, ideas, and generalizations. Opportunities to develop skills include the use of a variety of resources and activities. Students should acquire positive attitudes regarding active participation, cooperation, responsibility, open-mindedness, and respect for others.

6th Grade Remediation Courses by Selection

English Lab 6 – 0428.06

Length: 9 Week

This course is designed to extend reading and writing skills beyond the regular ELA classroom. Offering two distinct 9-week concentrations, there will be an interactive reading or writing workshop approach for each session. Students will be teacher selected with emphasis placed on building a writing repertoire and/or strengthening close reading and critical thinking skills. Students may be invited to participate for one or two 9-week periods throughout the school year.

Math Lab 6 – 0432.06

Length: 9 week

Math Remediation students will be studying/reinforcing the critical and important standards at their grade level. The standards covered will be from the 6 strands tested on the ISTEP at their grade level: Number Sense; Computation; Algebra and Functions; Geometry and Measurement; Data Analysis, Statistics, and Probability; and Mathematical Process. The students will be using hands on activities, technology, supplementary materials, scientific calculator (used to check work-bring to class daily), and writing to strengthen their math skills.

6th Grade Rotation Classes

Art – 0410.06

Length: 9 week (AM)

Grade: 6

Middle Level Visual Art is based on the Indiana Standards for Visual Art. Students in the middle level program build on the sequential learning experiences of the elementary program that encompass art history, criticism, aesthetics, and production. Through self-reflection, including dialogue, reading, and writing students analyze each component of their arts education as well as their own personal growth. Throughout the program, students engage in various forms of communication, utilizing a rich vocabulary and a variety of technological resources. Students continue to utilize their art knowledge and skills to make connections across the curriculum, study career options and identify skills required for each career, and use arts community resources, identifying ways to utilize and support the arts community.

World Music – 0440.06

Length: 9 week (AM)

Grade: 6

What is sound? How do we hear music? How does a drum work? In this class we will explore many aspects of music, beginning with the science of sound and music. We will also learn about music of other cultures, use new instruments, and share music from our favorite musicians.

Tech Tools – 0489.06

Length: 9 week (AM)

Grade: 6

This course utilizes digital units from Common Sense Media for grades 6-8. Lesson topics include Internet Safety, Privacy/ Security, Self-Image/Identity, Digital Footprint/Reputation, Information Literacy, Creative Credit/Copyright, Relationships/ Communication and Cyber-bullying. Parent information and tips are available also.

Physical Education 6 – 0450.06

Length: 9 week (AM)

Grade: 6

Students in Grade 6 physical education continue to develop psychomotor skills through participation in a variety of developmentally appropriate sports related activities (individual, dual, and team), rhythmic activities, lifetime recreational activities, and fitness activities. The focus is on the development of complex movement skill combinations and knowledge. Students develop an understanding of physiological changes which occur as a result of physical activity. They expand their knowledge of fitness concepts, principles, and strategies as well as how other concepts like self-responsibility, positive social interaction, and group dynamics affect learning and performance. Students learn to work cooperatively toward a common goal. Ongoing assessment is conducted throughout the curriculum.

Band – 0442.06

Length: 1 year

Grade: 6

Band is offered to students with prior band experience or students who are willing to take private lessons if they have no prior band experience. During their class time, students continue to learn about playing their instruments and being a part of a large ensemble. As the students grow in age and maturity, the musical demands increase and knowledge is expanded. Concerts are performed each grading period. Students are also introduced to marching band basics and participate in local parades. Besides learning about how to play an instrument, students also develop leadership skills while learning about respect, discipline and team work.

Music – 0444.06

Length: 1 year

Grade: 6

Vocal Music in Grade 6 is based on the Indiana Academic Standards for Music and provides students with the opportunity to apply knowledge learned in the Kindergarten through Grade 6 Exploring Music curriculum by participating in choral ensemble classes. Ensemble classes provide group and solo activities and are designed to develop students' musicianship including vocal production, intonation, and music reading skills. Activities and experiences include listening to, analyzing, and evaluating music, as well as performing a wide variety of vocal literature, of many styles, from selected historical periods and cultures. Experiences in improvisation and sight singing are also included in this course of study. Students are given opportunities to participate in performances outside of the school day that support and extend learning in the classroom.

Makerspace – 0491.06**Length:** 9 week**Grade:** 6

In this nine week course, students will be able to experience a MakerSpace environment. Students will have the opportunity to create, invent, tinker, explore and discover using a variety of tools and materials. Students will learn and construct with 3D printers, spheros, PC's, and a MacBook cart. Using 3D printers, students will design and print replicas and prototypes of various objects. In addition, students will learn how to code using robotic toys called spheros. MakerSpace will be a time for students to collaborate and create projects based on new and innovative ideas!

Ag in the Classroom – 0496.06**Length:** 9 week**Grade:** 6

The nature of this course is to provide students with an introduction to the fundamentals of agricultural science and business. Topics to be covered include: animal science, plant and soil science, food science, horticultural science, farm and agribusiness management, landscape management, natural resources management, agricultural mechanization, and supervised agricultural experience, which includes units on career and leadership development. An activity and project based approach is used along with team building to enhance the effectiveness of the student learning activities. Volunteers from Indiana Farm Bureau will visit the classroom to present a lesson and activities.

Genius Hour – 0422.06**Length:** 9 week**Grade:** 6

Genius Hour will give students an opportunity to explore their own passions and creativity. Based on Google's 20% time initiative, Genius Hour will provide students a choice in what they learn and give them an opportunity to explore an interest or passion. Students will be challenged to explore a topic and then create a display of their learning. Genius Hour will focus on and strengthen student's researching and presentation skills.

STEM Explorations – 0423.06**Length:** 9 week**Grade:** 6

In this class, students use the design process and a STEM notebook to design, model, and build objects. Through these hands-on experiences, students immerse themselves in the design process, collaborative learning, problem-solving, and critical thinking to solve real-world challenges.

7th Grade**English 7 – 0420.07 / 0420.07A / 0420.07B**

Students develop advanced skills and strategies in reading. They understand comparisons, such as analogies and metaphors, and they begin to use their knowledge of roots and word parts to understand science, social studies, and mathematics vocabulary. They begin to read reviews, as well as critiques of both informational and literary writing. They read and respond to fiction selections, such as classic and contemporary literature, historical fiction, fantasy or science fiction, mystery or adventure, folklore or mythology, poetry, short stories, and dramas, and nonfiction selections, such as subject area books, biographies or autobiographies, magazines and newspapers, various reference or technical materials, and online information. Students self-select books of interest and read independently for enjoyment. Students develop advanced skills and strategies in language. Using oral discussion, reading, writing, art, music, movement, and drama, students respond to fiction, nonfiction, and informational selections or reality-based experiences, multimedia presentations, and classroom or group experiences. They write or deliver longer research reports that take a position on a topic, and they support their positions by citing a variety of sources. They use a variety of sentence structures and modifiers to express their thoughts. They deliver persuasive presentations that state a clear position in support of an arguments or proposal. Students also listen to literature read aloud to them and write independently for enjoyment.

Math 7 - 0430.07 / 0430.07B

Students continue the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that began in Grade 6. Students extend ratio reasoning to analyze proportional relationships and solve real-world and mathematical problems; extend previous understanding of the number system and operations to perform operations using all rational numbers; apply properties of operations in the context of algebraic expressions and equations; draw, construct, describe, and analyze geometrical figures and the relationships between them; apply understandings of statistical variability and distributions by using random sampling, making inferences, and investigating chance processes and probability models. As in all mathematics courses, the Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Pre-Algebra 7 – 0430.07PA

Pre-Algebra is designed to help students make the transition from previous math courses to Algebra. It emphasizes skills and concepts such as variables, solving equations and problem solving. Other topics include integers, rational and real numbers, inequalities, the coordinate plane, geometric figures, area, volume, right triangles, statistics and probability. A variety of applications of mathematics are also investigated.

Science 7 – 0460.07

Students in seventh grade understand that energy cannot be created or destroyed, but only changed from one form into another or transferred from place to place. They understand forces as they apply to nature and machines. They describe how earth processes have shaped the topography of the earth and have made it possible to measure geological time. They understand the cellular structure of living organisms, from single-celled to multicellular.

Geography 7 – 0470.07

Students in seventh grade compare the history, geography, government, economic systems, current issues, and cultures of the Western World with an emphasis on: (1) Asia, (2) Africa, (3) the Commonwealth of Independent States, (4) the Middle East, (5) the Pacific Islands, (6) Australia, and (7) New Zealand. Learning experiences for seventh grade students should help them to make the transition from concrete examples to abstract ideas, concepts, and generalizations. In-depth studies provide greater understanding of environmental influences on economic, cultural, and political institutions. Opportunities to develop thinking and research skills include reading and interpreting maps, graphs, and charts. Decision-making and problem-solving activities should include the following: (1) identifying problems, issues and questions; (2) information gathering; (3) hypothesizing; and (4) evaluating alternative solutions and actions.

Physical Education 7 - 0450.07

Students continue to refine complex combinations of movement in selected sports and activities. They apply more advanced strategies in physical activities and try new sports and lifetime physical activities. The focus is on meeting challenges and making decisions in the context of expanded personal responsibility. Students learn about different cultures and how they relate to the physical activities and dances of those countries. They continue to expand their knowledge of rules and strategies, sportsmanship, and cooperative skills as well as fitness concepts and the benefits of health-related fitness. Ongoing assessment includes both written and performance-based skill evaluations.

Health 7 – 0452.07

Middle school health education provides for the continued development of attitudes and behaviors related to becoming a health-literate individual. This course is part of a planned, sequential, comprehensive health education curriculum that uses the Academic Standards for Health and Wellness to support student development of essential health skills within the ten health content areas. In grade seven, students focus on continued skill development and more opportunities for analyzing, modeling, and applying skills that will assist in building competencies for health literacy. These may include decision-making skills, stress management skills, communication skills, social skills, and assertiveness skills. Developmentally appropriate concepts of personal and community health; safety and injury prevention; nutrition and physical activity; mental health; alcohol, tobacco and other drug use; and family life and human sexuality are areas used for skill development. The adolescent student has instructional opportunities to investigate how health behaviors impact health, well-being, and disease prevention and to accept personal responsibility for health-related decisions.

8th Grade

English 8 – 0420.08 / 0420.08A / 0420.08B

Students begin to study the history and development of English vocabulary. They begin to compare different types of writing as well as different perspectives on similar topics or themes. They evaluate the logic of informational texts and analyze how literature reflects the backgrounds, attitudes, and beliefs of the authors. They read and respond to fiction selections, such as classic and contemporary literature, historical fiction, fantasy or science fiction, mystery or adventure, folklore or mythology, poetry, short stories, and dramas, and nonfiction selections, such as subject area books, biographies or autobiographies, magazines and newspapers, various reference or technical materials, and online information. Students self-select books of interest and read independently for enjoyment. Students get ready for the language challenges of high school materials. Using oral discussion, reading, writing, art, music, movement, and drama, students respond to fiction, nonfiction, and informational selections or reality-based experiences, multimedia presentations, and classroom or group experiences. They not only write or deliver research reports but also conduct their own research. They use subordination, coordination, noun phrases and other devices of English language conventions to indicate clearly the relationship between ideas. They deliver a variety of types of presentations and effectively respond to questions and concerns from the audience. Students also listen to literature read aloud to them and write independently for enjoyment.

Algebra 1, Grade 8 – 2520.08

Algebra I formalizes and extends the mathematics students learned in the middle grades. Five critical areas comprise Algebra I: Relations and Functions; Linear Equations and Inequalities; Quadratic and Nonlinear Equations; Systems of Equations and Inequalities; and Polynomial Expressions. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Credits: A two credit course
- Fulfills the Algebra I/Integrated Mathematics I requirement for the General, Core 40, Core 40 with
- Academic Honors and Core 40 with Technical Honors diplomas
- Students pursuing Core 40, Core 40 with Academics Honors, or Core 40 with Technical Honors diploma should receive credit for Algebra I by the end of Grade 9
- Qualifies as a quantitative reasoning course

Pre-Algebra 8 – 0430.08PA

Pre-Algebra is designed to help students make the transition from previous math courses to Algebra. It emphasizes skills and concepts such as variables, solving equations and problem solving. Other topics include integers, rational and real numbers, inequalities, the coordinate plane, geometric figures, area, volume, right triangles, statistics and probability. A variety of applications of mathematics are also investigated.

Math 8 – 0430.08B

Students continue the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that was begun in Grades 6 and 7. Students extend their understanding of rational numbers to develop an understanding of irrational numbers; connect ratio and proportional reasoning to lines and linear functions; define, evaluate, compare, and model with functions; build understanding of congruence and similarity; understand and apply the Pythagorean Theorem; and extend their understanding of statistics and probability by investigating patterns of association in bivariate data. As in all mathematics courses, the Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Science 8 – 0460.08

Students in eighth grade understand how atomic structure determines chemical properties and how atoms and molecules interact. They explain how the water cycle and air movement are caused by differential heating of air, land, and water and how these affect weather and climate. They understand that natural and human events change the environmental conditions on the earth. They understand the predictability of characteristics being passed from parent to offspring and how a particular environment selects for traits that increase survival and reproduction by individuals bearing those traits.

US History 8 – 0470.08

Eighth grade United States History emphasizes the interaction of historical events and geographic, social, and economic influences on national development prior to the twentieth century. Special attention is given to (1) Native American cultures and the pre-Columbian period; (2) colonial, revolutionary, and constitutional issues; (3) early national formation; (4) sectional divisions leading to the Civil War; (5) Reconstruction; (6) industrialization; (7) urbanization; and (8) immigration. In this course, students examine major themes, issues, events, movements, and figures in United States history prior to 1900 and explore relationship to modern issues and current events, for example: (1) antiwar movements in different periods in United States history, (2) the influence of inventions and economic innovations, and (3) Indiana's concurrent growth and development. Eighth grade students need to experience a variety of teaching and learning strategies. Students are provided practice in thinking and research skills by learning to use the media center, primary documents, and community resources to identify, evaluate and use appropriate data and reference information. This course also helps student to develop an appreciation of historical preservation. Finally, students should demonstrate, through their studies, a commitment to the rights and responsibilities of citizenship in a democratic society.

Physical Education 8 – 0450.08

Students in Grade 8 physical education further refine complex motor skills and competencies in selected individual and dual lifetime physical activities, team sports, aquatics, adventure, and rhythmic activities. Students work toward achieving competence in increasingly complex physical activity contexts. They learn to apply interdisciplinary knowledge (e.g., anatomy, physics) to activity settings and focus on working as a team to solve problems. Students develop plans to enhance their own health-related physical fitness and participate in vigorous activities linked to their skills and levels of fitness. Physical activity is used as a venue for self-expression and for developing positive relationships. Ongoing assessment includes both written and performance-based skill evaluations.

Health 8 – 0452.08

Middle school health education provides for the continued development of attitudes and behaviors related to becoming a health-literate individual. This course is part of a planned, sequential, comprehensive health education curriculum that uses the Academic Standards for Health and Wellness to support student development of essential health skills within the ten health content areas. In grade eight, students focus on continued skill development and more opportunities for analyzing, modeling, and applying skills that will assist in building competencies for health literacy. Students apply health education concepts and health literacy skills, e.g., practicing interpersonal communications that promote health; analyzing positive and negative, internal and external influences on health decisions; and demonstrating self-care practices in managing personal daily activities. Developmentally appropriate concepts of personal and community health; safety and injury prevention; nutrition and physical activity; mental health; alcohol, tobacco and other drug use; and family life and human sexuality are areas used for skill development. The adolescent student has instructional opportunities to investigate how health behaviors impact health, well-being, and disease prevention and to accept personal responsibility for health-related decisions.

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7th and 8th Grade Elective Classes

Digital Productions – 0409.78

Length: 1 semester (9 weeks sections)

Grade: 7 & 8

Digital Productions is a class that focuses on producing middle school newscasts. The class provides students with the skills that are necessary to create, edit, and publish these newscasts. While creating the middle school announcements, students explore many aspects of publication such as interviewing, copyright law, and photography. The class enables students the opportunity to publish to an authentic audience as they share their finished product.

Digital Citizenship – 0490.07 (REQUIRED)

Length: 9 weeks

Grade: 7

This course utilizes digital units from Common Sense Media for grades 6-8. Lesson topics include Internet Safety, Privacy/Security, Self-Image/Identity, Digital Footprint/Reputation, Information Literacy, Creative Credit/Copyright, Relationships/Communication and Cyber-bullying. Parent information and tips are available also.

MS Agriculture – 0496.78

Length: 9 weeks

Grade: 7 & 8

This course is going to cover a various number of topics including Horticulture and Greenhouse Management, Leadership, and Agricultural Mechanics. This course will explore propagation of flowers and greenhouse plants, explore leadership training and actions, and we will learn how to use and wire electrical equipment.

MS Fundamentals of 2D Art – 0411.78

Length: 9 weeks

Grade: 7 & 8

This course is for students who seek experiences in drawing, painting, and printmaking. Students will also study the lives and works of selected two-dimensional artists. The course combines art production with extended experiences in art history, criticism, and aesthetics.

MS Fundamentals of 3D Art – 0413.78

Length: 9 weeks

Grade: 7 & 8

Students in this course will seek experiences in both additive and subtractive sculpture by using a variety of materials such as clay fibers, plaster, wood, wire, and art metals. The study of selected artists noted for their three dimensional works will be included. The course combines art production with extended experiences in art history, criticism, and aesthetics.

Band – 0442.07/0442.08

Length: 1 Year

Grade: 7 & 8

Band is offered to students with prior band experience or students who are willing to take private lessons if they have no prior band experience. The 7th and 8th grade bands meet separately. During their class time, students continue to learn about playing their instruments and being a part of a large ensemble. As the students grow in age and maturity, the musical demands increase and knowledge is expanded. Concerts are performed each grading period. Students are also introduced to marching band basics and participate in local parades. Besides learning about how to play an instrument, students also develop leadership skills while learning about respect, discipline and team work.

Choir – 0445.78**Length:** 9 weeks**Grade:** 7 & 8

Do you enjoy singing? If so, you will definitely want to be a part of the Choir. Choir will be offered during both elective class periods and students in the 7th and 8th grades will be combined. Besides singing, students will enjoy learning about music theory and will have opportunities to do creative musical projects. The choir will sing at the end of each grading period in a Middle School Music Concert. Even though Choir is a 9 week elective, students are welcome to choose to be in choir for an entire semester or the whole school year.

MS Introductory Keyboard Class – 0443.78**Length:** 9 weeks**Grade:** 7 & 8

Middle School Introductory Keyboard Class is designed to teach the concepts and fundamentals needed to perform on the piano. No previous musical knowledge is necessary. Students will develop good practice habits, and learn techniques to increase the muscular agility and flexibility of their hands. The class will culminate with a recital, in class, showing what we have learned over the nine-week period.

Color Guard – 0414.78**Length:** 9 weeks (2nd Semester only)**Grade:** 7 & 8

7th and 8th grade students are invited to select Color Guard as an elective if they are interested in exploring movement, dance and flags. The Color Guard class will be offered during both elective periods. 7th & 8th grade students will be combined,. The class work will include instruction for both beginners and people with experience. Any student who hopes to be a Color Guard in high school is STRONGLY encouraged to take this class. The class lasts 9 weeks but students may choose to be in it for the entire year. Performance opportunities will take place every 9 weeks at middle school music concerts or parades.

First Aid/CPR – 0453.78**Length:** 9 weeks**Grade:** 7 & 8

The students will be learning basic first aid for all types of emergencies. This class will also introduce students to the basic procedures for CPR and choking. This class will include hands on activities.

Fitness Fun – 0454.78**Length:** 9 weeks**Grade:** 7 & 8

Students will be engaged in various fitness activities that will benefit them physically, mentally/emotionally, and socially. Some unit include: jump roping, frisbee, and student-created games. Students will need to wear their PE uniform and tennis shoes for this class.

Lifetime Sports – 0451.78**Length:** 9 weeks**Grade:** 7 & 8

Students will be engaged learning sports they can play at any age. Sports include bowling, volleyball, KanJam, Horseshoes, Bocceball, Cornhole, and Croquet. Students will need to wear their PE uniform and tennis shoes for this class.

MS Survivor – 0455.78**Length:** 9 weeks**Grade:** 7 & 8

The students will be engaged in activities that will incorporate team building, improve their physical health, and competition. The students will need to wear their PE uniform and tennis shoes for this class.

PLTW - Medical Detectives – 0465.78**Length:** 9 weeks**Grade:** 7 & 8

Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

PLTW - Design & Modeling — 0466.78**Length:** 9 weeks**Grade:** 7 & 8

Have you ever wanted to create a toy or a device to help people? In this class, students use tools such as the design process, a dynamic mathematics software, a computer-aided design program, computer simulations, and an engineering notebook to design, model, and build objects. Discover the design process and turn your ideas into realities!

Student Publications/Yearbook – 0429.78**Length:** 1 semester**Grade:** 7 & 8

This semester long course will be open to both 7th and 8th grade students with an interest in writing and photography. Students will be responsible for creating a bi-weekly newspaper as well as creating/gathering content for the NMS Yearbook. Students in this class will be expected to work together to create publications that showcase the exciting things happening at NMS during the school year!

Communications – 0421.78**Length:** 9 weeks**Grade:** 7 & 8

Communications is largely a project-based class in which students explore the various ways in which students communicate in today's world. Students practice effective communication considering both verbal and nonverbal methods. A special emphasis will be placed on helping students improve their presentation and communication skills. Though an elective, this class will help with the Speaking and Listening standards of ELA 7 and 8.

MS Personal Finance – 0431.08 (REQUIRED)**Length:** 9 weeks**Grade:** 8

Personal Finance course will be a mandatory 8th grade course where students will be introduced to real-world financial responsibilities. Students will research potential careers with salaries/earnings. Students will learn about creating balance budgets, credit card debt, and explore renting vs. owning homes.

7th and 8th Grade Remediation Courses by Selection**English Lab – 0428.78****Length:** 1 semester**Grade:** 7 & 8

This course is designed to extend reading and writing skills beyond the regular ELA classroom. Offering two distinct 9-week concentrations, there will be an interactive reading or writing workshop approach for each session. Students will be teacher selected with emphasis placed on building a writing repertoire and/or strengthening close reading and critical thinking skills. Students may be invited to participate for one or two 9-week periods throughout the school year.

Math Lab 8 – 0432.08**Length:** 1 semester**Grade:** 8

This year the Math Remediation students will be studying/reinforcing the critical and important standards for 8th grade. The standards covered will be from the 6 strands tested on the ISTEP at their grade level: Number Sense; Computation; Algebra and Functions; Geometry and Measurement; Data Analysis, Statistics, and Probability; and Mathematical Process. The students will be using hands on activities, technology, supplementary materials, scientific calculator (used to check work-bring to class daily), and writing to strengthen their math skills.

Math Lab 7 – 0432.07**Length:** 1 semester**Grade:** 7

This year the Math Remediation students will be studying/reinforcing the critical and important standards for 7th grade. The standards covered will be from the 6 strands tested on the ISTEP at their grade level: Number Sense; Computation; Algebra and Functions; Geometry and Measurement; Data Analysis, Statistics, and Probability; and Mathematical Process. The students will be using hands on activities, technology, supplementary materials, scientific calculator (used to check work-bring to class daily), and writing to strengthen their math skills.