

Triton Jr./Sr. High School

Junior High

Course Description

Guide

2027 - 2028

Reading and Language Arts

0480.07 Reading and Language Arts: Grade 7

Grade Seven English/Language Arts, based on Indiana Academic Standards for English/Language Arts, is integrated, direct, explicit, and systematic instruction emphasizing reading comprehension, advanced word study, writing, and communication and collaboration using developmentally appropriate content. Students use their knowledge of roots and word parts to acquire domain-specific vocabulary as they advance in their morphological study. Students compare different genres and perspectives, evaluate the logic of informational texts, analyze literature, and read grade-level text independently and fluently. In addition to writing multiple-paragraph narrative and informative compositions, students compose longer, more in-depth research reports and argumentative presentations that take a clear position on a topic support a position with relevant evidence, and provide citation from a variety of credible sources to support a position.

0480.07 Reading and Language Arts: Grade 8

Grade Eight English/Language Arts, based on Indiana Academic Standards for English/Language Arts, is integrated, direct, explicit, and systematic instruction emphasizing reading comprehension, advanced word study, writing, and communication and collaboration using developmentally appropriate content. As they prepare for the challenges of high school, students develop advanced skills and strategies in language, study the history and development of English vocabulary, and use their knowledge of roots and word parts to advance domain-specific vocabulary. Students compare different genres and perspectives, evaluate the logic of informational texts, analyze literature, and read grade-level text independently and fluently. In addition to writing multiple narrative and informative compositions, students compose longer, more in-depth research reports and argumentative presentations that take a clear position on a topic, support a position with relevant evidence, and provide citation from a variety of credible sources to support a position.

0428.68 Language Arts Lab: Grades 6- 8

Language Arts Lab is supplemental to language arts to provide students with individualized or small group instruction designed to support success in complementing language arts studies aligned with Indiana's Academic Standards for English/Language Arts in grades six through eight.

Mathematics

0430.07 Mathematics: Grade Seven

The Indiana Academic Standards for grade seven Mathematics consists of five domains: Number Sense; Ratios and Proportional Reasoning; Algebra and Functions, Geometry and Measurement; and Data Analysis, Statistics, and Probability. The skills listed in each domain indicate what students should know and be able to do in Mathematics at each grade level. The Process Standards demonstrate the ways in which students should develop conceptual understanding of mathematical content, and the ways in which students should synthesize and apply mathematical skills to match the published standards document for grade seven. Grade seven continues the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that began in grade six. 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; create, describe, and analyze geometric figures and the relationships between them; and apply understanding of statistical variability and distributions by using random sampling, making inferences, and investigating chance processes and probability models. Using the Process Standards for mathematics in a planned and deliberate method to present the mathematics content standards will prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of mathematics. Teachers should be aware that students who are moving from grade six or seven directly into Algebra I content will likely not experience the domains listed above to the breadth and depth of a traditional path to high school mathematics.

0430.08 Mathematics 8: Grade 7 (Formally Pre-Algebra)

The Indiana Academic Standards for grade eight Mathematics consist of four domains: Number Sense; Algebra and Functions; Geometry and Measurement; and Data Analysis, Statistics, and Probability. The skills listed in each domain indicate what students should know and be able to do in Mathematics at each grade level. The Process Standards demonstrate the ways in which students should develop conceptual understanding of mathematical content, and the ways in which students should synthesize and apply mathematical skills as outlined in the published standards document for grade eight. Grade eight continues the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that was started in grades six and seven. Students 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. Using the Process Standards for Mathematics in a planned and deliberate method to present the mathematics content standards will prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of the mathematics.

** Students who will be enrolled in accelerated math include: High Ability students, students recommended by teachers for accelerated mathematics, and automatically approved students based on Indiana Code 20-30-18-3. This criterion is new for the '26-'27 school year and beyond. Students who score "Above Proficiency" on the ILEARN Mathematics Assessment in grades 5, 6, or 7 AND earn a "C" or higher in their current math coursework.

0430.08 Mathematics: Grade Eight

The Indiana Academic Standards for grade eight Mathematics consist of four domains: Number Sense; Algebra and Functions; Geometry and Measurement; and Data Analysis, Statistics, and Probability. The skills listed in each domain indicate what students should know and be able to do in Mathematics at each grade level. The Process Standards demonstrate the ways in which students should develop conceptual understanding of mathematical content, and the ways in which students should synthesize and apply mathematical skills as outlined in the published standards document for grade eight. Grade eight continues the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that was started in grades six and seven. Students 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. Using the Process Standards for Mathematics in a planned and deliberate method to present the mathematics content standards will prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of the mathematics.

Algebra I Honors (2520H) - Grade Eight

Length: 2 Semesters Credits: 2 High School Credits

Algebra I formalizes and extends the mathematics students learned in the middle grades. The Indiana Academic Standards for Algebra I consist of five domains: Number Systems, Expressions, and Functions; Linear Equations, Inequalities, and Functions; Systems of Linear Equations and Inequalities; Quadratic and Exponential Equations and Functions; and Data Analysis & Statistics. These 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. Students will also engage in methods for analyzing, solving, and using quadratic functions. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process 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.

** Students who will be enrolled in accelerated math include: High Ability students, students recommended by teachers for accelerated mathematics, and automatically approved students based on Indiana Code 20-30-18-3. This criterion is new for the '26-'27 school year and beyond. Students who score "Above Proficiency" on the ILEARN Mathematics Assessment in grades 5, 6, or 7 AND earn a "C" or higher in their current math coursework.

****PLEASE NOTE, THIS COURSE IS A HIGH SCHOOL COURSE. GRADES WILL IMPACT GPA AND CLASS RANK.**

Science

0460.07 Science: Grade Seven

Incorporating the crosscutting concepts, disciplinary core ideas, and science and engineering practices, students in grade seven apply Newton's third law, investigate what determines a change in an object's motion, determine the factors that affect the strength of electric and magnetic forces, investigate gravitational interactions and other forces. Students investigate how arrangement of objects changes the amount of potential energy in the system and what relationships affect kinetic energy in a system. Students will determine the factors that affect the strength of electric forces, magnetic forces, and thermal energy transfer. Students will understand that all living things are made of cells and be able to describe the structure, function, and overall interactions of cells. Students will investigate how rock strata tell the age of the planet, how geoscience processes have changed the Earth's surface, and how Earth's materials drive cycling and flow of energy. Students will learn how previous natural catastrophes inform the development of technologies to mitigate their effects.

0460.08 Science: Grade Eight

Incorporating the crosscutting concepts, disciplinary core ideas, and science and engineering practices, students in grade eight will understand basic chemistry including the atomic structure of simple elements and molecules, laws of conservation of mass, and simple chemical reactions. They will also learn that synthetic materials come from natural resources and how substances react when thermal energy is provided to a system. Students will learn about reproduction in plants, genetic factors that influence the growth of organisms, and basic statistics of genetic variation. They will analyze the fossil record for organisms that have gone extinct that resemble organisms present today and investigate how humans can manipulate genetic traits. Students will also investigate the interactions of the Earth's systems, its climate, and its weather and how humans impact Earth's systems.

Integrated Chemistry-Physics (3108): Grade 8

Length: 2 Semesters Credits: 2 High School Credits

Integrated Chemistry-Physics incorporates Disciplinary Core Ideas, Science and Engineering Practices, and Crosscutting Concepts to help students gain a three-dimensional understanding of Chemistry and Physics topics. Disciplinary Core Ideas for this course include Matter and its Interactions, Forces, Energy, and Waves and their Applications in Technologies for Information Transfer. Instruction focuses on the observation of phenomena to develop an understanding of how scientific knowledge is acquired.

**Students will be considered for this class based on teacher recommendations and achieving a B+ or better for both semesters in Science 7.

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Social Studies

0470.07 Social Studies: Grade Seven

Students in grade seven explore the history, geography, government, economic systems, current issues, and cultures of the Eastern World with an emphasis on: (1) Asia, (2) Africa, (3) the Middle East, (4) the Pacific Islands, (5) Australia, and (6) New Zealand. Students in grade seven engage in learning experiences that help them make the transition from recognizing concrete information to understanding abstract ideas, concepts, and generalizations. In-depth studies provide greater understanding of environmental influences on economic, cultural, and political institutions. Students continue to develop thinking and research skills such as 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.

0470.08 Social Studies: Grade Eight

Students in grade eight focus on United States history. This study begins with a brief review of early history, including the Revolution and Founding Era, and the principles of the United States and Indiana constitutions, as well as other founding documents and their applications to subsequent periods of national history and to civic and political life. Students then study national development, westward expansion, social reform movements, the Civil War, and the Reconstruction Period. Students examine major themes, issues, events, movements, and figures in United States history through the Reconstruction Period (1877) and explore relationships to modern issues and current events.

World Language

Spanish I (2120): Grade 8

Length: 2 Semesters Credits: 2 High School Credits

Spanish I, a course based on *Indiana's Academic Standards for World Languages*, introduces students to effective strategies for beginning Spanish language learning, and to various aspects of Spanish-speaking cultures. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write short passages with guidance. This course also emphasizes the development of reading and listening comprehension skills, such as reading isolated words and phrases in a situational context and comprehending brief written or oral directions. Additionally, students will examine the practices, products and perspectives of Spanish-speaking culture; recognize basic routine practices of the target culture; and recognize and use situation-appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding Spanish language and culture outside of the classroom.

**Students will be considered for this class based on teacher recommendations and achieving a B+ or better for both semesters in Reading/Language Arts 7.

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Rotation Classes

These courses are semester-long courses

0412.68 Creative Dramatics: Grade Seven

****This course might not be offered in '27-'28****

Creative Dramatics Middle Level based on the Indiana Academic Standards for Theater, enables students to use movement, voice, and language effectively to create characterizations in a wide variety of historical and cultural contexts. Improvisation enables them to demonstrate an understanding of the concepts of space, time, and mannerisms in character portrayals. Additionally, students write scripts based on personal experience, imagination, history, and literature. Students increase their awareness of vocational opportunities in the theater arts and learn to develop criteria for the evaluation of recorded and live performances. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

0409.98-07 Engineering Design and Modeling: Grade Seven

Engineering and Technology Education – Middle Level provides students with hands-on, problem-based learning opportunities that introduce the principles to develop, produce, use, and assess products related to engineering and technology. Students additionally develop individual and teamwork skills to participate in society and the workplace. The four domains included in these standards are general engineering and technology concepts, engineering design and development, producing and using technology, and technology careers. Activities should focus on content related to engineering and technology as a body of knowledge, using resources and actions to: (1) apply engineering design, (2) use processes to produce artifacts and systems, (3) use devices tools and systems safely and appropriately, (4) and assess impacts on society and the environment. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0494.68-07 Exploring Business and Information Technology: Grade Seven

Exploring Business and Information Technology provides concepts and applications that facilitate the development of competencies required for success in all academic areas and in real-world contexts. The curriculum relates closely to understandings and competencies students will need as their world expands and as they develop career interests. The four broad areas included in this curriculum are technology, career exploration, personal financial responsibility, and basic business (business communications, marketing, and entrepreneurship). The domains and standards for each area provide many opportunities to engage students in learning essential business content and in applying technology as a tool. This approach is in keeping with the National Education Technology Standards (NETS) approach, which places heavy emphasis on integrating technology into the curriculum. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

Note from the Teacher: Business and Information Technology - Middle Level course(s) provides concepts and applications that facilitate the development of competencies required for success in all academic areas and in real-world contexts. The curriculum relates closely to understandings and competencies students will need as their world expands and as they develop career interests. The four broad areas included in this curriculum are technology, career exploration, personal financial responsibility, and basic business.

0496.98-07 Exploring Agriculture: Grade Seven

Exploring Agriculture is a course that is suggested to be a semester-long course but can be refined to fit the needs of each school. The nature of this course is to provide students with an overview of various aspects of the agriculture industry. Topics to be covered in this course can include leadership, supervised agriculture experience, plant and soil science, natural resources, animal science, agribusiness, food science, and power, structure and technical systems. Exploring Agriculture introduces students to many careers in agriculture. These careers range from Agritourism Manager to Veterinarian and Implement Salesman to Agriculture Lawyer.

0492.98-07 Family and Consumer Sciences (FACS): Grade Seven

Family and Consumer Sciences (F&CS) at the middle school level prepares students to begin their journey toward becoming independent, productive citizens. The Middle School F&CS education program in Indiana is designed to be comprehensive, holistic, and multidisciplinary across F&CS areas of study, and to be compatible with local school-wide approaches. Multiple F&CS areas of study are integrated into the FACS program and offered at each grade level (sixth, seventh, and eighth). Core F&CS Concepts and Core Process Competencies create a foundation for teaching and learning. The Middle School F&CS curriculum provides learning experiences in five domains: • Career Planning and Continued Education • Financial Literacy • Nutrition and Wellness • Human Development and Relationships • Life Skills and Resource Management.

Note from the Teacher: FACS 7 - Students will learn what a recipe is. Cooking terminology and measuring techniques will be learned on paper and in the kitchen. Students will work in kitchens and learn and apply safety and sanitation, following a recipe, and measuring correctly. Students will sample different types of food as well. Students will get the opportunity to learn how to hand sew and use a sewing machine. Students will learn how to sew a button onto fabric, fix a hole in a shirt, hem up pants and create some fun patterns!

0452.68-07 Health and Wellness: Grade Seven

Health and Wellness for grade six through eight, based on the Indiana Academic Standards for Health and Wellness, provides for the continued development of attitudes and behaviors related to becoming a health-literate individual as part of a planned, sequential, comprehensive health education curriculum that uses the Indiana Academic Standards for Health and Wellness to support student development of essential health skills within the eight health content areas. 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. 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.

0498.68-07 Middle Level Advisor/Advisee: Grade Seven

An advisory is a regularly scheduled period of time, typically during the school day, when teachers meet with small groups of students for the purpose of advising them on academic, social, or future-planning issues.

Note from the Teacher: In this course, you'll explore a variety of topics featuring reliable, relatable content and authentic stories designed to encourage critical thinking, support social-emotional learning, and help teens make positive decisions while also enhancing their reading, writing, listening, and speaking skills. This course is designed to educate and empower students to communicate effectively and to make appropriate choices in various situations in life.

0450.07 Physical Education: Grade Seven (can be taken for two semesters)

Physical Education in grade seven is based on the Indiana Academic Standards for Physical Education. Students in grade seven physical education continue to refine complex combinations of movement in selected sports and activities. Students 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 from those countries. Students 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.

0410.07 Visual Arts: Grade Seven

Visual Arts Middle Level is based on the Indiana Academic Standards for Visual Arts. 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 those careers. Additionally, students identify how to utilize resources of the arts community as well as how they can support the arts community. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

0442.68 Instrumental Music: Grades Seven and Eight

Instrumental Music, Middle Level is based on the Indiana Academic Standards for Music and provides students the opportunity to apply knowledge and skills learned in the elementary music curriculum by beginning or continuing to play an instrument. The instrumental classes provide instruction in any of the following areas: strings, woodwinds, brass, percussion, guitar, and keyboard instruments, including electronic instruments. Ensemble and solo activities are designed for students to develop basic elements of musicianship including tone production, technical skills, and intonation. Activities include improvising; composing; reading, notating, and sight-reading music; listening; analyzing; evaluating; and experiencing historically significant styles of literature. Students are given opportunities to participate in performances outside of the school day that support and extend the learning in the classroom. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

0444.68 Vocal Music: Grades Seven and Eight

Vocal Music Middle Level is based on the Indiana Academic Standards for Music and provides students the opportunity to apply knowledge and skills learned in the elementary 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, technical skills, and intonation. Activities and experiences include improvising and composing music; listening to, analyzing, and evaluating music; and performing vocal literature of various styles, historical periods, and world cultures. Students also participate in performance opportunities outside of the school day that support and extend the learning in the classroom. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

0494.68-08 Exploring Business and Information Technology: Grade Eight

Exploring Business and Information Technology provides concepts and applications that facilitate the development of competencies required for success in all academic areas and in real-world contexts. The curriculum relates closely to understandings and competencies students will need as their world expands and as they develop career interests. The four broad areas included in this curriculum are technology, career exploration, personal financial responsibility, and basic business (business communications, marketing, and entrepreneurship). The domains and standards for each area provide many opportunities to engage students in learning essential business content and in applying technology as a tool. This approach is in keeping with the National Education Technology Standards (NETS) approach, which places heavy emphasis on integrating technology into the curriculum. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

Note from the Teacher: Business and Information Technology - Middle Level course(s) provides concepts and applications that facilitate the development of competencies required for success in all academic areas and in real-world contexts. The curriculum relates closely to understandings and competencies students will need as their world expands and as they develop career interests. The four broad areas included in this curriculum are technology, career exploration, personal financial responsibility, and basic business.

0452.68-08 Health and Wellness: Grade Eight

Health and Wellness for grade six through eight, based on the Indiana Academic Standards for Health and Wellness, provides for the continued development of attitudes and behaviors related to becoming a health-literate individual as part of a planned, sequential, comprehensive health education curriculum that uses the Indiana Academic Standards for Health and Wellness to support student development of essential health skills within the eight health content areas. 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. 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.

Note from the Teacher: Health and Wellness 8 is a semester-long course designed to help students make healthy choices and practice healthful behaviors by understanding and managing good physical, mental/emotional, and social health. This class will also help students understand the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, and endocrine systems.

0409.98-08 Engineering Robotics: Grade Eight

Engineering and Technology Education – Middle Level provides students with hands-on, problem-based learning opportunities that introduce the principles to develop, produce, use, and assess products related to engineering and technology. Students additionally develop individual and teamwork skills to participate in society and the workplace. The four domains included in these standards are general engineering and technology concepts, engineering design and development, producing and using technology, and technology careers. Activities should focus on content related to engineering and technology as a body of knowledge, using resources and actions to: (1) apply engineering design, (2) use processes to produce artifacts and systems, (3) use devices tools and systems safely and appropriately, (4) and assess impacts on society and the environment. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0492.98-08 Family and Consumer Sciences (FACS): Grade Eight

Family and Consumer Sciences (F&CS) at the middle school level prepares students to begin their journey toward becoming independent, productive citizens. The Middle School F&CS education program in Indiana is designed to be comprehensive, holistic, and multidisciplinary across F&CS areas of study, and to be compatible with local school-wide approaches. Multiple F&CS areas of study are integrated into the FACS program and offered at each grade level (sixth, seventh, and eighth). Core F&CS Concepts and Core Process Competencies create a foundation for teaching and learning. The Middle School F&CS curriculum provides learning experiences in five domains: • Career Planning and Continued Education • Financial Literacy • Nutrition and Wellness • Human Development and Relationships • Life Skills and Resource Management

0450.08 Physical Education: Grade Eight (can be taken for 2 semesters)

Physical Education in grade eight is based on the Indiana Academic Standards for Physical Education. Students in grade eight 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. Students 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.

0410.08 Visual Arts: Grade Eight

Visual Arts Middle Level is based on the Indiana Academic Standards for Visual Arts. 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 those careers. Additionally, students identify how to utilize resources of the arts community as well as how they can support the arts community. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

Note from the Teacher: The 8th grade Visual Arts class is an exploratory, hands-on, junior high elective. The class bridges and builds on personal creative expression to prepare students for high school coursework. Students will develop their skills in drawing, cutting, painting, and mastering skills in the production of artwork. Students will be learning the Elements and Principles needed to complete creative tasks.

High School Courses Offered in Junior High

Computing Foundations of a Digital Age (4565)

Length: 1 Semester Credits: 1 Grade: 8, 9, 10, 11, 12

Computers and the internet have revolutionized the way we access and disseminate information. As technology continues to change at an ever-increasing pace, the need for students to gain a foundational understanding of computer science is clear. Computing Foundations for a Digital Age is designed to introduce students to five major topics within computer science including computing systems, networks and the internet, data and analysis, algorithms and planning, and impacts of computing. The course introduces foundational computing concepts while exploring current events and building critical thinking, collaboration, problem solving, and other important skills that are invaluable for life in a global and technologically advancing society.

**Triton students take this class during their 8th Grade Year; however, if they do not pass, they will retake the course until they pass it.

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Preparing for College & Careers (5394): Grade 8

Length: 1 Semester Credits: 1 High School Credit

Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in depth investigation of one or more pathways, reviewing graduation plans, developing career plans, and developing personal and career portfolios.

**Triton students take this class during their 8th Grade Year; however, if they do not pass, they will retake the course until they pass it.

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