MICHIGAN CITY AREA SCHOOLS

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Middle School Course Guide

for the

2024 - 2025 School Year

Barker Middle School
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Krueger Middle School
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Michigan City Area Schools
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Barker Middle School

STEM Course of Studies

	Grade 7	Grade 8
Core Classes	**Literacy/Language Arts** **Math** **Science** **Social Studies**	**Literacy/Language Arts** **Math** **Science** **Social Studies**
Related Arts (Directed Classes) Semester Class	**Wellness** **Gateway**	**Wellness** **Gateway** **College & Careers**
Related Arts (Choice Classes) Full Year Class	*Choose One:* **Band** **Chorus** **Digital Art I** **STEM Careers**	*Choose One:* **Band** **Chorus** **Digital Art II** **STEM Careers** **Spanish**

Band, Chorus, Digital Art, & STEM Careers are year-long or 2 semesters.
All other courses are 1 semester each.

HIGH ABILITY: Course options will be available for identified high ability students, grades 7-8, in math, literacy/language arts, and related to the magnet theme of Barker Middle School.
Limited courses available for high school credit.

Barker Middle School
STEM Course of Studies

STEM COURSES

GATEWAY Prepares students for the ever-changing world of computers through the Project Lead the Way curriculum. 7th graders study Computer Science for Innovators and Makers. Students will learn about programming for the physical world by blending hardware design and software development. 8th graders study App Creators. Students will be exposed to computer science by computationally analyzing and developing solutions to authentic problems through mobile app development.

DIGITAL ART II (8TH GRADE) This course allows students to review and show off their digital design skills by independently creating a digital portfolio using different programs. Students will be exposed to the many career choices in digital art and graphic design. They will also employ skills and techniques digital media programs offer for advanced users.

DIGITAL ART I (7TH GRADE) Students will explore digital art methods through designing logos, digitally manipulating and enhancing photographs, and creating photo collages, flyers, and posters as a means of communicating their message effectively through effective graphic layouts and designs.

STEM CAREER DEVELOPMENT This course utilizes design, modeling, and manufacturing concepts and allows students to discover the design process and develop an understanding of the influence of creativity and innovation in their lives. Throughout the unit, they explore the concepts of design and modeling through a multitude of perspectives, such as conceptual modeling, mathematical modeling, and solid modeling. The course also provides a real-world connection to careers and reflects what is happening in STEM-related fields, resulting in a more engaging and meaningful learning experience for students as they can more clearly see the opportunities of their future.

HIGH ABILITY COURSES

HA PRE-ALGEBRA (7TH GRADE) This course is designed for students who are on track to take Algebra I in eighth grade. Instruction will include the application of skills to prepare students for Algebra I. The curriculum will include computation with rational numbers; conversions among fractions, decimals, and relations and functions; surface area and volume; linear equations and inequalities; data collection and display including box plots and scatter plots; probability for simple events; probability of independent and dependent events; and theoretical probabilities and experimental results.

HA ALGEBRA (8TH GRADE) Algebra I continues the study of algebraic concepts including operations with real numbers and polynomials, relations and functions, creation and application of linear functions and relations, and an introduction to nonlinear functions. Appropriate technology, from manipulative to computers, will be used regularly for instruction and assessment. To receive high school credit, students must earn a grade of “C” or higher, receive their teacher's recommendation, and must earn either 2 math credits or 2 credits in physics during the student’s last two years in high school.

HA ELA (7TH & 8TH GRADE) The high-ability classes follow the same curriculum pace as the general reading and language arts class, however, additional components are added to challenge this group of high achievers. Along with higher-level text and discussions, more advanced writing standards are required from the students while they learn rigorous writing skills and strategies. Additional reading requirements must be met throughout each quarter to meet the demands of this challenging class.

Krueger Middle School

Environmental Science Course of Studies

	Grade 7	Grade 8
Core Classes	**Literacy/Language Arts** **Math** **Science** **Social Studies**	**Literacy/Language Arts** **Math** **Science** **Social Studies**
Rotation I (Directed Rotations)	**Wellness** **Computer Science**	**Wellness** **Computer Science** **College & Careers**
Rotation II (Choice Rotations)	*Choose One:* **Band** **Chorus** **Environmental Science** **Digital Art**	*Choose One:* **Band** **Chorus** **Environmental Science** **Digital Art** **Spanish**

Band & Chorus are year-long or 2 semesters. All other courses are 1 semester each

HIGH ABILITY: Course options will be available for identified high ability students, grades 7-8, in math, literacy/language arts, and related to the magnet theme of Krueger Middle School. **Limited courses available for high school credit.**

Krueger Middle School
Environmental Course Descriptions

ENVIRONMENTAL SCIENCE courses use the KMS campus as an outdoor classroom. The classes are for one semester. If a student receives an A or B in both the seventh and eighth grade classes, they will receive one Environmental Science high school credit.

SEVENTH GRADE class is designed as two nine-week units and focuses on land-based activities that impact the local environment including terrestrial and atmospheric systems.

EIGHTH GRADE class is designed as two nine-week units. Students analyze interactions between plant, animal, and human activity that determine the overall health of our local habitat.

KRUEGER WELLNESS combines physical education and health classes with an environmental emphasis. The focus is the enjoyment of the outdoors, as well as education and stewardship of our natural resources. The goal is to give students the knowledge and the skills to be active in their environment and to increase participation and sensitivity to management and preservation efforts. Orienteering, outdoor lawn games, fishing, and archery are units that have been added to the curriculum.

COMPUTER SCIENCE works on preparing students for the ever-changing world of computers through the Project Lead the Way curriculum. 7th grade studies Computer Science for Innovators and Makers. Students will learn about programming for the physical world by blending hardware design and software development. Eighth grade studies App Creators. Students will be exposed to computer science by computationally analyzing and developing solutions to authentic problems through mobile app development.

DIGITAL ART I — SEVENTH GRADE Students will explore digital art methods through designing logos, digitally manipulating and enhancing photographs, and creating photo collages, flyers, and posters as a means of communicating their message effectively though effective graphic layouts and designs.

DIGITAL ART II — EIGHTH GRADE This course allows students to review and show off their digital design skills by independently creating a digital portfolio using different programs. Students will be exposed to the many career choices in digital art and graphic design. They will also employ skills and techniques digital media programs offer for advanced users.

Krueger Middle School
Academic Honors Course Descriptions

7th GRADE	8th GRADE
7th Grade Advanced Science is an accelerated science class for students who excelled in elementary science. This class is an accelerated class that squeezes seventh and eighth grade science into one year with a faster pace and by deleting all of the life science seventh and eighth grade standards. Students who do well in this class will be eligible to take Biology in eighth grade.	**Biology I** is high school Biology. (**Students will receive high school credit if they earn a grade of *C* or above**.) Students focus on Biology I standards.
7th Grade Pre-Algebra prepares students for Algebra I. The curriculum includes, but is not limited to, computation with rational numbers, solving and graphing linear equations and inequalities, Pythagorean Theorem, and problem solving.	**Algebra I** continues the study of algebraic concepts including operations with real numbers and polynomials, relations and functions, creation and application of linear functions and relations, and an introduction to nonlinear functions. Appropriate technology, from manipulative to computers, will be used regularly for instruction and assessment.
7TH & 8TH GRADE	
HA LANGUAGE ARTS follows the same curriculum pace as the general reading and language arts class, however, additional components are added to challenge this group of high achievers. Along with higher-level text and discussions, more advanced writing standards are required from the students while they learn rigorous writing skills and strategies. Additional reading requirements must be met throughout each quarter to meet the demands of this challenging class.	***In order to receive high school credit, students must earn a grade of "C" or higher, receive their teacher's recommendation, and earn either two (2) math credits or two (2) credits in physics during the student's last two years in high school.***

COURSE DESCRIPTIONS

Career & Technical Education

Preparing College & Careers
Grade 8 - Related Arts Class
1 Semester
This course earns 1 high school credit.

Preparing for College & 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 portfolio.

Health & Wellness

Health & Wellness is a combination of physical and health education. Students participating in middle school wellness classes work both in the classroom and in physical education settings.

Health & Wellness
Grade 7-8 (Related Arts Class)
1 Semester Per Year
Required for all students.

Middle School Health & 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 ten 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 of focus. 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. 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.

Literacy/Language Arts

Literacy/Language Arts
Grade 7 - Core Class
2 Semesters

Literacy/Language Arts, Grade 7, based on Indiana's Academic Standards for English Language Arts, is integrated instruction emphasizing reading, writing, speaking and listening in interest-and age-appropriate content. Students develop advanced skills and strategies in reading fiction and nonfiction. They build on their understanding of root words to understand vocabulary in science, social studies, and mathematics. Writing focuses on narrative, persuasive and research papers and a variety of sentence structures. They deliver argumentative presentations that state their position in support of an argument or proposal. Students also self-select books and read for enjoyment. They also listen to literature read aloud and write independently.

Literacy/Language Arts
Grade 8 - Core Class
2 Semesters

Literacy/Language Arts, Grade 8, based on Indiana's Academic Standards for English Language Arts, is integrated instruction emphasizing reading, writing, speaking and listening in interest-and age-appropriate content. Students begin to compare different types of writing as well as different perspectives on similar topics or themes. They evaluate the logic of nonfiction text, and also read and respond to fiction text. Students self-select books and read for enjoyment. Students write narratives, persuasive essays, and research papers using a variety of techniques and sentence structures. They deliver a variety of presentations and respond to questions and concerns from the audience. Students also listen to literature read aloud to them and write independently for enjoyment.

Language Arts Lab
Grade 7 & 8
1 or 2 semesters
Selected students based on teacher recommendations, test scores, and past performance.

Middle School Language Arts Lab is supplemental to language arts to provide students with individualized or small group instruction designed to support success in completing language arts studies aligned with Indiana's Academic Standards for English/Language Arts in grades 7-8.

Mathematics

Mathematics
Grade 7 - Core Class
2 Semesters

Mathematics, Grade 7 continues 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.

Mathematics
Grade 8 (or **High Ability Grade 7**) - Core Class
2 Semesters

Mathematics, Grade 8 continues 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.

Algebra I
Grade 8 (**High Ability**)
2 Semesters

Algebra I continues the study of algebraic concepts including operations with real numbers and polynomials, relations and functions, creation and application of linear functions and relations, and an introduction to nonlinear functions. Appropriate technology, from manipulative to computers, will be used regularly for instruction and assessment. In order to receive high school credit, students must earn a grade of “C” or higher, receive their teacher’s recommendation, and must earn either two (2) math credits or two (2) credits in physics during the student’s last two years in high school.

Middle School Mathematics Lab
Grade 7 & 8
1 or 2 semesters
Selected students based on teacher recommendations, test scores, and past performance

Middle School Mathematics Lab provides students with individualized instruction designed to support success in completing mathematics content aligned with Indiana’s Academic Standards for Mathematics. Mathematics Lab is to be taken in conjunction with the study of mathematics, and the content of Mathematics Lab should be tightly aligned to the corresponding content being studied. Mathematics Lab should relate and reinforce mathematics skills students have learned previously, fill in gaps and misconceptions of previous content, and present the current content in concrete and hands-on methods.

Science

Science
Grade 7 - Core Class
2 Semesters

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 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.

Science
Grade 8 - Core Class
2 Semesters

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.

Biology I
Grade 8 - Core Class
2 Semesters
(Offered at Krueger Middle School)

Biology I provides a study of the structures and functions of living organisms and their interactions with their environment. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to:

(1) gain an understanding of the history of the development of biological knowledge,
(2) EXPLORE THE USES OF Biology in various careers, and
(3) cope with biological questions and problems related to personal needs and social issues.

In order to receive high school credit, students must earn a grade of “C” or higher, take the ILEARN Biology Exam, and receive their teacher’s recommendation.

Social Studies

Social Studies
Grade 7 - Core Class
2 Semesters

Students in grade seven explore the history, geography, civics and 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. Learning experiences for students in grade seven should help them to make the transition

from concrete information 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. Along with the current academic standards for this subject, the History/Social Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

Social Studies
Grade 8 - Core Class
2 Semesters

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. Along with the current academic standards for this subject, the History/Social Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

Special Education

The following courses will be implemented in accordance with each student's Individual Education Plan. The courses will be taught in accordance with Indiana College & Career Ready Standards with a variety of methodologies and instructional strategies being utilized to assist each student to reach their full potential.

⭐Only for students in the certificate track for graduation.

Learning Lab
2 Semesters

Resource is open to students at all grade levels. It is designed to assist students with assignments from the general education classroom and their goals listed on their IEP. Resource also provides the opportunity for the students to have tests read and other adaptations that require the resource setting.

Life Skills Curriculum ⭐

The Life Skills Curriculum is one that seeks to enhance a person's ability to become a vital and active participant in their home, workplace, and community. All instruction is in accordance with each student's IEP. In all classes in the Life Skills Curriculum, students work on learning to demonstrate an awareness of their own feelings as well as those of others and taking responsibility for their own behavior. The curriculum is based on the State Standards outlined on the ISTAR, state assessment. All students participating in this curriculum will participate in the ISTAR or the ISTEP state assessments.

Functional Academics ⭐
2 Semesters

Functional Academics class focuses on the necessary math and reading skills needed to live and work in the community. Students will work on skills such as money, shopping, finances, banking, budgeting, functional sight words, communication skills, telling time and temperature, current events, and scheduling.

Personal Management ⭐
2 Semesters

In Personal Management classes students are required to demonstrate, to the best of their ability, homemaking skills needed to maintain both home and budget, display problem-solving skills that are adequate for dealing with daily situations, and demonstrate the ability to develop and follow a schedule. Students improve basic grooming and hygiene skills necessary for the maintenance of personal health. They work on developing an understanding of the cycle of life and their related responsibilities. Within the community students generalize these skills in a real life environment while increasing their knowledge of community services and resources. *(This class is offered in a two-period block to allow for community interactions.)*

Recreation and Leisure ⭐
2 Semesters

Recreation and Leisure skills provide students with an opportunity to learn to interact more appropriately with their peers and others in leisure settings, both within the school environment and in the community. Students work on skills such as following rules, taking turns, sharing, and using appropriate social etiquette, among others. Students learn to interact in more ways to be able to make use of the wide range of recreational resources within the community.

Vocational Training ⭐
2 Semesters

Vocational Training is a four-year course of study designed to prepare students with special needs for the world of work. Students are placed at in-school training sites to work on skills such as following directions, interactions with coworkers, accomplishment of tasks, and other related work skills. As students mature in these skills, they may be placed at job sites outside the school environment. These work sites prepare students to be active, vital participants in the community. (This class is offered in a two-period block to allow for community interactions.)

Visual Performing Arts

Instrumental Music (Band)
Grades 7-8 - Related Arts Class
2 Semesters

Instrumental Music, Middle Level is based on the Indiana Academic Standards for Ensemble 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.

Vocal Music (Chorus)
Grades 7-8 - Related Arts Class
2 Semesters

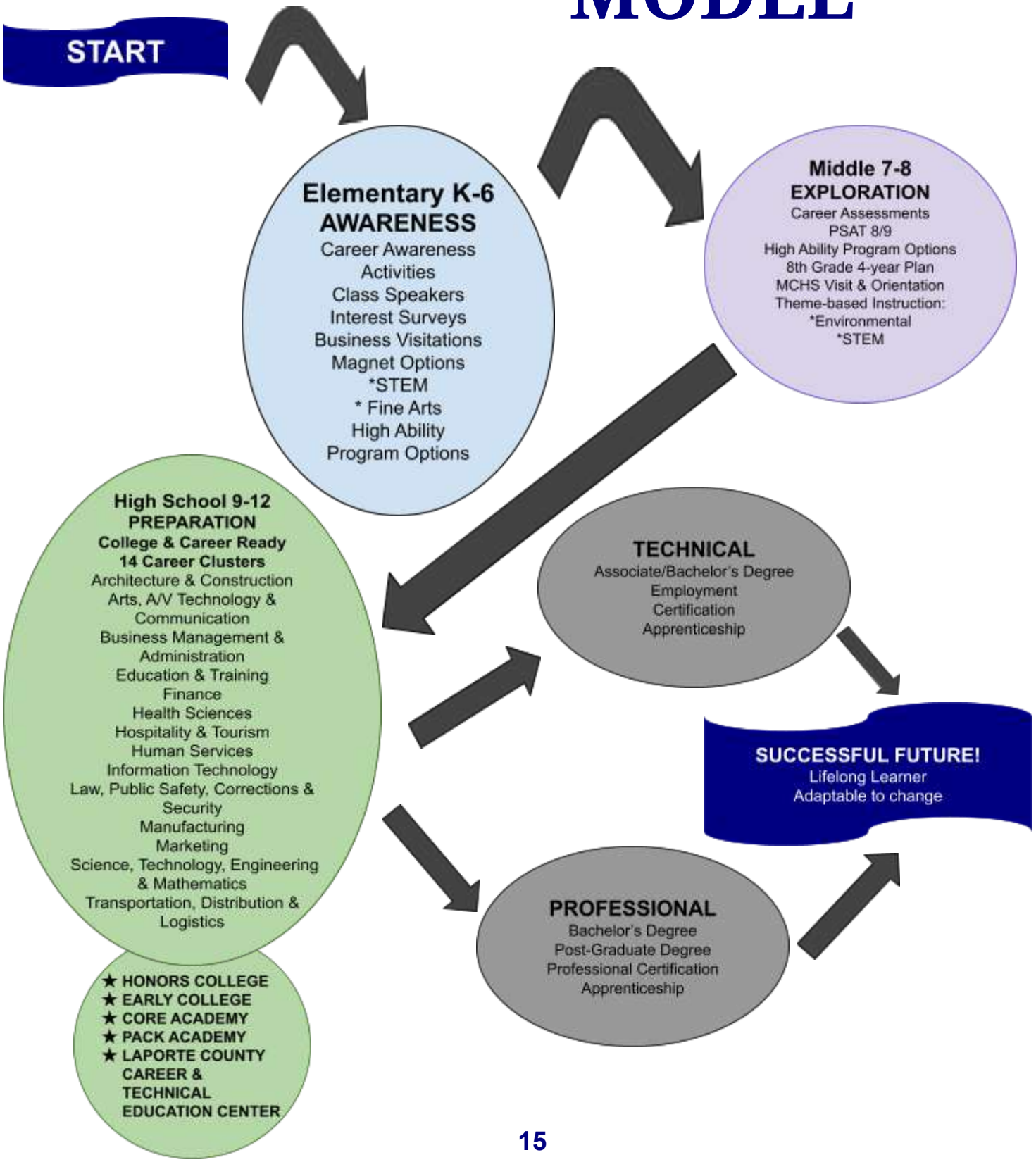
Vocal Music Middle Level is based on the Indiana Academic Standards for Music and provides students the opportunity to apply knowledge and skills learned in the elementary music curriculum by participating in choral ensemble classes. Ensemble classes provide group and solo activities and are designed 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.

World Languages

Spanish I
Grade 8 - Elective Enrichment
1 Semester
Limited choice: Only students who do not take Band or Chorus (8th Grade)

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 culture. 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.

CAREER EDUCATION MODEL



INDIANA CORE 40

Effective beginning with students who enter high school in 2012-13 school year (class of 2016).

Course and Credit Requirements	
English/ Language Arts	**8 credits** Including a balance of literature, composition and speech.
Mathematics	**6 credits** (in grades 9-12) 2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra II *Or complete Integrated Math I, II, and III for 6 credits.* *Students must take a math course or quantitative reasoning course each year in high school*
Science	**6 credits** 2 credits: Biology I 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics 2 credits: any Core 40 science course
Social Studies	**6 credits** 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics 2 credits: World History/Civilization or Geography/History of the World
Directed Electives	**5 credits** World Languages Fine Arts Career and Technical Education
Physical Education	**2 credits**
Health and Wellness	**1 credit**
Electives*	**6 credits** (College and Career Pathway courses recommended)
40 Total State Credits Required	

Schools may have additional local graduation requirements that apply to all students (not required for students with an IEP).

* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

**SAT scores updated September, 2017

***WorkKeys assessment titles updated, 2018

CORE 40 with Academic Honors *(minimum 47 credits)*

For the **Core 40 with Academic Honors** designation, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
  - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
  - B. Earn 6 verifiable transcripted college credits in dual credit courses from the approved dual credit list.
  - C. Earn two of the following:
    1. A minimum of 3 verifiable transcripted college credits from the approved dual credit list,
    2. 2 credits in AP courses and corresponding AP exams,
    3. 2 credits in IB standard level courses and corresponding IB exams.
  - D. Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on the evidence based reading and writing section.**
  - E. Earn an ACT composite score of 26 or higher and complete written section
  - F. Earn 4 credits in IB courses and take corresponding IB exams.

CORE 40 with Technical Honors *(minimum 47 credits)*

For the **Core 40 with Technical Honors** designation, students must:

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
  1. Pathway designated industry-based certification or credential, or
  2. Pathway dual credits from the approved dual credit list resulting in 6 transcripted college credits
- Earn a grade of "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following,
  - A. Any one of the options (A - F) of the Core 40 with Academic Honors
  - B. Earn the following minimum scores on WorkKeys: Workplace Documents, Level 6; Applied Math, Level 6; and Graphic Literacy, Level 5.***
  - C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
  - D. Earn the following minimum score(s) on Compass: Algebra 66 , Writing 70, Reading 80.

INDIANA
CORE 40

Efectivo comenzando con los estudiantes que empezaron la preparatoria (high school) en 2012-13 año escolar (clase de 2016).

Requisitos de Cursos y Créditos	
Inglés/ Artes y Letras	**8 créditos**
	Incluye un balance de literatura, composición y discurso.
Matemáticas	**6 créditos (en grados 9-12)**
	2 créditos: Algebra I 2 créditos: Geometría 2 créditos: Algebra II *O completar Matemáticas Integradas I, II, and III por 6 créditos.* *Los estudiantes tienen que tomar un curso de matemáticas o de inferencia cuantitativa cada año de la preparatoria (high school).*
Ciencia	**6 créditos**
	2 créditos: Biología I 2 créditos: Química I o Física I o Química-Física Integrada 2 créditos: cualquier curso de ciencia de Core 40
Estudios Sociales	**6 créditos**
	2 créditos: Historia de los Estados Unidos 1 crédito: Gobierno de los Estados Unidos 1 crédito: Economía 2 créditos: Historia Universal/Civilización o Geografía/Historia del Mundo
Electivos Dirigidos	**5 créditos**
	Idiomas del Mundo Bellas Artes Carrera o Educación Técnica
Educación Física	**2 créditos**
Salud y Cordura	**1 crédito**
Electivos*	**6 créditos** (Se recomiende cursos de College and Career Pathway)
40 Créditos Estatales Requeridos en Total	

Es posible que las escuelas tengan requisitos locales adicionales para graduarse que apliquen a todos los estudiantes (no es un requisito para estudiantes con un IEP)

* Especifica el número de electivos requeridos por el Estado. Los horarios de la escuela preparatoria (high school) proveen tiempo para muchos más cursos electivos durante los años de high school. Se recomienda enfáticamente a todos los estudiantes que completen un College and Career Pathway (elegir cursos electivos con un propósito) para tomar ventaja completa de las oportunidades de exploración y preparación para carreras o la universidad.

***Resultados actualizados septiembre del 2017
***WorkKeys los títulos de evaluación actualizados, 2018

CORE 40 Con Honores Académicos *(mínimo 47 créditos)*

Para recibir el diploma con nombramiento de **Core 40 con Honores Académicos**, estudiantes tienen que:

- Cumplir con todos los requisitos para el Core 40.
- Obtener 2 créditos adicionales de matemáticas de Core 40.
- Obtener 6-8 créditos de idiomas del mundo de Core 40 (6 créditos en un idioma o 4 créditos, cada uno, en dos idiomas).
- Obtener 2 créditos de bellas artes de Core 40.
- Conseguir una marca "C" o mejor en cursos que cuentan hacia el diploma.
- Tener un promedio general de calificaciones (GPA) de "B" o mejor.
- Cumplir con uno de lo siguiente:
  - A. Obtener 4 créditos en 2 cursos o más de nivel avanzado (AP) y tomar los exámenes AP correspondientes
  - B. Obtener 6 créditos universitarios verificables en cursos de doble crédito de la lista aprobada de doble crédito.
  - C. Obtener dos de lo siguiente:
    1. Un mínimo de 3 créditos universitarios verificables de la lista de cursos de aprobada de doble crédito.
    2. 2 créditos de cursos AP y de exámenes AP correspondientes,
    3. 2 créditos de cursos de nivel estándar en Bachillerato Internacional (IB) y de exámenes IB correspondientes
  - D. Sacar una calificación combinada de 1250 o más alto en el examen SAT, un mínimo de 560 en matemáticas y un mínimo de 590 en la sección de lectura y escritura basada en evidencia.
  - E. Sacar una calificación combinada de 26 o más alto en el examen ACT y completar la sección de escritura
  - F. Obtener 4 créditos en cursos IB y tomar los exámenes IB correspondientes.

CORE 40 Con Honores Técnicos *(mínimo de 47 créditos)*

Para recibir el diploma con nombramientos de **Core 40 con Honores Técnicos**, los estudiantes tienen que:

- Cumplir con todos los requisitos para el Core 40.
- Obtener 6 créditos en cursos de preparación para la Universidad o Carrera en un *College & Career Pathway* aprobado por el Estado y uno de lo siguiente:
  1. Certificado o credencial basado en el sector y designado por Pathway, o
  2. Créditos duales Pathway de la lista de doble crédito aprobada, resultando en 6 créditos universitarios transcritos
- Obtener una calificación de "C" o mejor en los cursos que cuentan para el diploma
- Tener un promedio general de calificaciones (GPA) de "B" o mejor.
- Cumplir con uno de lo siguiente,
  - A. Cualquier de las opciones (A - F) del Core 40 con Honores Académicos
  - B. Obtener las siguientes calificaciones o mejor en WorkKeys: Documentos Workplace, Nivel 6, Matemáticas Aplicadas, Nivel 6; Alfabetización Grafica- Nivel 5. ***
  - C. Obtener por lo menos las siguientes calificaciones en Accuplacer: Escritura 80, Lectura 90, Matemáticas 75.
  - D. Obtener por lo menos las siguientes calificaciones en Compass: Algebra 66 , Escritura 70, Lectura 80.

CURRENT INDIANA HIGH SCHOOL DIPLOMA REQUIREMENTS

Indiana General High School Diploma

The completion of Core 40 is an Indiana graduation requirement. Indiana's Core 40 curriculum provides the academic foundation all students need to succeed in college and the workforce.

To graduate with less than Core 40, the following formal opt-out process must be completed:

- The student, the student's parent/guardian, and the student's counselor (or another staff member who assists students in course selection) must meet to discuss the student's progress.
- The student's Graduation Plan (including four year course plan) is reviewed.
- The student's parent/guardian determines whether the student will achieve greater educational benefits by completing the general curriculum or the Core 40 curriculum.
- If the decision is made to opt-out of Core 40, the student is required to complete the course and credit requirements for a general diploma and the career/academic sequence the student will pursue is determined.

Course and Credit Requirements (Class of 2016 & Beyond)

English/Language Arts	**8 credits**
	Credits must include literature, composition and speech
Mathematics	**4 credits**
	2 credits: Algebra I or Integrated Mathematics I 2 credits: Any math course ***General diploma students are required to earn 2 credits in a Math or a Quantitative Reasoning (QR) course during their junior or senior year. QR courses do not count as math credits.***
Science	**4 credits**
	2 credits: Biology I 2 credits: Any science course ***At least one credit must be from a Physical Science or Earth and Space Science course***
Social Studies	**4 credits**
	2 credits: U.S. History 1 credit: U.S. Government 1 credit: Any social studies course
Physical Education	**2 credits**
Health and Wellness	**1 credit**
College and Career Pathway Courses Selecting electives in a deliberate manner to take full advantage of college and career exploration and preparation opportunities	**6 credits**
Flex Credit	**5 credits**
	Flex Credits must come from one of the following: • Additional elective courses in a College and Career Pathway • Courses involving workplace learning such as Cooperative Education or Internship courses • High school/college dual credit courses • Additional courses in Language Arts, Social Studies, Mathematics, Science, World Languages or Fine Arts
Electives	**6 credits** Specifies the minimum number of electives required by the state. High school schedules provide time for many more elective credits during the high school years.
	40 Total Credits Required

Schools may have additional local graduation requirements that apply to all students

(Updated Dec., 2011)

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Michigan City Area Schools
Opportunity ✶ Excellence ✶ Pride

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