

**BREITUNG TOWNSHIP SCHOOL DISTRICT
OFFICIAL MINUTES**

REGULAR BOARD OF EDUCATION MEETING
MEDIA CENTER, KINGSFORD HIGH, SCHOOL, 431 HAMILTON AVE., KINGSFORD, MI

AUGUST 8, 2022
6:00 P.M.

MEMBERS PRESENT:

Mark Pugh
Dave Kashian
Joanne To
Jeff Gussert
Eric Johnson
Keith Hammond
Angela Hall

MEMBERS ABSENT:

ADMINISTRATORS PRESENT:

David Holmes
Richelle Barker
Dave Lindbeck
Kristina Brazeau
Darren Petschar

OTHERS PRESENT:

Carrie Swanson
Jean Marcell

President Pugh called the regular session together at 6:00 p.m. and led those present in reciting the Pledge of Allegiance to the Flag.

A roll call of board members was taken. All Members were present.

Member Kashian moved, supported by Member To, to approve the agenda, as presented. Motion carried, 7 ayes, 0 nays.

Member Gussert moved, supported by Member Johnson, to approve the regular board of education minutes of July 11, 2022, as submitted. Motion carried, 7 ayes, 0 nays.

Member Kashian moved, supported by Member To, to approve the special board of education minutes of July 14, 2022, as submitted. Motion carried, 7 ayes, 0 nays.

Superintendent Holmes called the attention of the board to the following communications:

- a. Gifts
- b. IM-Kingsford Community School's August Board Report

There was no response to the call for public participation.

Reports were given, as follows:

- a. Personnel Committee, August 2, 2022, Joanne To
- b. Curriculum/Extracurricular Committee, August 4, 2022, Joanne To
- c. Athletic Committee, August 8, 2022, Eric Johnson

Member To moved, supported by Member Gussert, to hire Kala MacDonald for a 6-hour kitchen helper position at Kingsford High School pending a satisfactory background check. Motion carried, 7 ayes, 0 nays.

Member To moved, supported by Member Kashian, to hire Cheryl Pugh as a part-time Title I teacher for 2022-2023. Motion carried, 6 ayes, 0 nays, 1 abstention (Mark Pugh).

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Member To moved, supported by Member Kashian, to hire Kailey Sarafiny as a special education teacher assigned to teach at Kingsford High School for the 2022-2023 school year pending a satisfactory background check. Motion carried, 7 ayes, 0 nays.

Member To moved, supported by Member Gussert, to approve the following online vendors for 2022-2023: Apex, Code.org, Curiositystream, Edgenuity, Education.com (brainzy), Freckle, Generation Genius, Imagine Learning (Edgenuity) Products (Edynamic) Purpose Prep, McGraw Hill, Moby Max, Michigan Virtual, Mystery Science online modules, Quill.org, Reading Eggs, Edmentum, Bright Thinker, Apex Learning, eDynamic Learning and Fuel Education. Motion carried, 7 ayes, 0 nays.

Member To moved, supported by Member Gussert, to approve the Online Course Catalogs for 2022-2023, as presented. Motion carried, 7 ayes, 0 nays.

Member To moved, supported by Member Gussert, to approve the District-Wide Professional Development Advisory Committee, as follows: Administrators – David Holmes, Dave Lindbeck Jessica Garvaglia, Darren Petschar, Kristina Brazeau; Teachers - Scott Kleiman, Jaclynn Kreider, Michelle Scott, Dan Olkkonen, Bryan Johnson, Heather LaVamway, Brian Olsen, Sarah Cowen; Non-teaching – Carrie Swanson, Ann Pericolosi; and Parents – Rachel Johnson and Jamie Moment. Motion carried, 7 ayes, 0 nays.

Member Johnson moved, supported by Member Gussert, to waive the athletic fee for students who qualify for reduced lunch. Motion carried, 7 ayes, 0 nays.

Member Johnson moved, supported by Member Hammond, to allow BTS students ages 10 and under free admission to athletic games and students in grades 5th-12th free admission with a student ID for 2022-2023. Motion carried, 7 ayes, 0 nays.

Member Johnson left the meeting at 6:26 p.m.

Member Kashian moved, supported by Member Gussert, to approve future participation in Schools of Choice as a Section 105 & 105c District. Motion carried, 7 ayes, 0 nays.


Member Kashian moved, supported by Member To, to set tuition for 2022-2023 at the Michigan per-pupil foundation allowance. Motion carried, 7 ayes, 0 nays.

Member Gussert moved, supported by Member Kashian, to approve the school district's bills for the month of July for \$397,908.79. Motion carried, 7 ayes, 0 nays.

Member Kashian moved, supported by Member Gussert, to approve the financial report and budget adjustments. Motion carried, 7 ayes, 0 nays.

There being no further business before the board, President Pugh adjourned the meeting at 6:53 p.m.

SIGNED


Joanne To, Secretary

August Vendor Approval 2022-2023

K-12 Vendors used for Online Learning Programs

K-12 Code.org

K-12 Curiositystream

9-12 Edgenuity (Imagine learning) <https://www.edgenuity.com/online-courses/>

K-5 Education.com (brainzy)

K-4 Freckle--used in bldg

K-5 Generation Genius

6-12 Imagine learning (Edgenuity)Products(Edynamic) (Purpose Prep)

K-8 McGraw Hill (Math, Science, SS, and ELA Online components)

K-8 Moby Max

6-12 Michigan Virtual

K-5 Mystery Science online modules

K-8 Quill.org

K-5 Reading Eggs

K-12 Edmentum

K-5: Bright Thinker

6-12: Apex Learning (Core, AP, Electives)

6-12: eDynamic Learning (Electives)

6-12: Fuel Education (World Language)

Used at Kingsford High School for in-seat students:

Apex-<https://www.apexlearning.com/catalog>

Michigan Virtual-<https://michiganvirtual.org/courses/>

Edynamic-<https://edynamiclearning.com/courses/?order=asc&orderby=title>

Notes: Apex is owned by Edmentum we list both here as a precaution in case of branding change.

Edgenuity has been acquired by Imagine Learning. We are approving both names for this year as they transition their branding.

WES Online Course Catalog 2022-2023

All courses offer additional enrichment content by WES teachers, supplied in Google Classroom when appropriate. While the courses without the additional content are standards-aligned and a complete solution, students can benefit from the additional activities and content WES teachers provide--such as reading month activities, Seasonal activities, spelling bees, reading olympics and other items that make online students feel more attached to their physical school building.

KINDERGARTEN

KReading/Writing/MotorSkills-OL

Vendor: Reading Eggs/ABC Mouse/MobyMax

English Language Arts K encompasses reading, writing, speaking, spelling, and listening skills for students who are emerging learners. This course places a heavy emphasis on the alphabet, as students learn letter names and both uppercase and lowercase letters. Students also learn letter sounds and how to articulate and blend those sounds. English Language Arts K focuses on building reading skills through the use of high-frequency sight words—common prepositions, nouns, verbs, and adjectives. Through grade-level appropriate readings, students explore story elements and the ways in which pictures relate to text. They also learn to summarize a text and to compare and contrast characters, events, and ideas within texts. Students explore grammar and writing skills, including capitalization, spacing, and punctuation. Students learn to print words and write complete sentences.

KMath-OL

Vendor: MathSeeds/MobyMax

In Mathematics K, students begin to develop foundational mathematics skills such as number identification and recognition and rote counting to 100 by memory. They learn the difference between more than and less than and explore the ways in which numbers are broken down into ones, tens, and hundreds. Students compare items by length and weight. They begin to develop problem-solving skills as they engage with simple addition and subtraction equations and word problems. Students are also introduced to basic geometry and learn the names and basic attributes of shapes.

KScience-OL

Vendor: MobyMax

Science K introduces emerging learners to the knowledge and skills that will help them discover and understand the natural world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. They deploy their observational skills to describe animals and

plants, their basic needs for survival, and their environments. Students discover the effect of sunlight on Earth's surfaces and the difference between sun and shade. Students explore weather types, weather patterns, and seasonal changes. All required learning materials are provided by the district.

KSocial Studies:

Vendor: MobyMax

Social Studies K introduces learners to the knowledge and skills that help them to become active and valued participants in their community. Students learn the importance of rules and regulations in guiding community behavior and the role of government and other institutions. They explore the concept of good citizenship and values such as respect, democracy, cooperation, and equality in the context of the family and the local community. This course lays the foundation for understanding the past by teaching the importance of a sequence of events, introducing historical figures, and developing students' skill in distinguishing fact and opinion. Finally, students learn about the world around them, including how geography influences society, how maps represent places, and how communities rely on trade in goods and services.

KTheme Pack-OL--VENDOR GOOGLE CLASSROOM

In this course students will explore Kindergarten PE skills, STEM skills, Computer Skills, Art Skills, and Music. All needed supplies and a device are provided by the district

FIRST GRADE

1ELA/Writing/Motor Skills- Vendor ReadingEggs, Brainzy, MobyMax

ELA 1 follows the common core standards for 1st grade English. Curriculum includes developing skills for reading, writing and listening skills. Students will understand words, spe, syllables within a word and sounds. Explain the differences between the books that tell stories and give information. Handwriting materials and manipulatives are included to help students develop the skills needed to master handwriting and letter formation.

1Math-OL

Vendor: MathSeeds/MobyMax

In Mathematics 1-OLThe course focuses on 4 critical areas. First, the students will work to understand addition and subtraction, and be able to perform addition and subtraction within 20. ... They will understand how to put some shapes together to create a new shape, or how to recognize shapes at different orientations.All required learning materials are provided by the district.

1Science-OL

Vendor:MobyMax

Science 1 introduces emerging learners to the knowledge and skills that will help them discover and understand the natural and physical world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. Students explore weather types, weather patterns, and seasonal changes. All required learning materials are provided by the district.

1Social Studies:

Vendor: MobyMax

Social Studies 1 In first grade Social Studies, students develop their understanding of basic concepts and ideas from civics, economics, geography, and history. The context for social studies learning in first grade is the family and the ways they choose to live and work together.

1Theme Pack-OL--VENDOR GOOGLE CLASSROOM

In this course students will explore First Grade PE , STEM, Computers, Art, and Music. All needed supplies and a device are provided by the district

2nd Grade

2Math-OL

Vendor: MobyMax/Beast Academy

In Mathematics 2-OL In Math2-OL students are introduced to skip counting, multi-digit addition and subtraction, and the importance of place value. Additionally optional extension coursework is provided by Beast Academy to create students with rock-solid problem solving skills.

2Science-OL

Vendor:MobyMax

Science 2 introduces emerging learners to the knowledge and skills that will help them discover and understand the natural and physical world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. They learn to use their five senses as observational tools as well. A science journal helps students begin to record observations. Students explore weather types, weather patterns, and seasonal changes. All required learning materials are provided by the district.

2Social Studies-OL:

Vendor: MobyMax

Social Studies 2 In second grade Social Studies, students develop their understanding of basic concepts and ideas from civics, economics, geography, and history. The context for social studies learning in first grade is the family and the ways they choose to live and work together.

2ELA/Writing/Motor Skill-OLs- Online Language Arts 2 follows the common core standards for 2nd grade English. Curriculum includes developing skills for reading, writing and listening skills. Students will understand words, syllables within a word, and sounds. Explain the differences between the books that tell stories and give information. Handwriting materials and manipulatives are included to help students develop the skills needed to master handwriting and letter formation.

2Theme Pack-OL--VENDOR GOOGLE CLASSROOM

In this course students will explore 2nd grade PE skills, STEM skills, Computer Skills, Art Skills, and Music. All needed supplies and a device are provided by the district

3rd Grade

3Math-OL

Vendor: MobyMax/Beast Academy

In Mathematics 3-OL Students begin work on the phenomena of multiplication and division as they navigate these new skills to solve real world problems. Optional coursework provided in Beast Academy for a more thorough understanding of Mathematical concepts and problem solving. Mathematics 3-OL adheres to the Michigan adopted Common Core Standards for Mathematics.

3Science-OL

Vendor: MobyMax

Science 3 introduces emerging learners to the knowledge and skills that will help them discover and understand the natural and physical world around them. In this course, students learn to formulate questions, to predict, and to investigate. They use basic scientific tools, such as a magnifying glass, a ruler, and a thermometer, to make observations and draw on those observations to communicate their findings. In third grade students also use manipulative techniques to discover the physics beyond simple machines and complete a capstone project using these machines to solve a problem.

3Social Studies-OL:

Vendor: Google Classroom and Mi GO OPEN

Social Studies 3-OL In third grade Social Studies, students explore Michigan. Curriculum created by Michigan teachers in the GoOpen platform frames this in-depth study of Michigan's history, government, natural resources, and economic makeup.

3ELA/Writing/Motor Skill-OL- Vendors-MobyMax, the NightZookeeper, Reading Express

Online Language Arts 3 follows the common core standards for 3rd grade English. Curriculum includes developing skills for reading, writing and listening skills. Students will understand words, syllables within a word, and sounds. Explain the differences between the books that tell stories and give information. Handwriting materials and manipulatives are included to help students develop the skills needed to master handwriting and letter formation.

3Theme Pack-OL--VENDOR GOOGLE CLASSROOM

In this course students will explore Third Grade PE skills, STEM skills, Computer Skills, Art Skills, and Music. All needed supplies and a device are provided by the district

4th Grade

4Math-OL

Vendor: MobyMax/Beast Academy

In Mathematics 4-OL Students continue work on the phenomena of multiplication and division in multidigit expressions and they apply these skills to solve real world problems. Optional coursework provided in Beast Academy for a more thorough understanding of Mathematical concepts and problem solving. Mathematics 4-OL adheres to the Michigan adopted Common Core Standards for Mathematics.

4Science-OL

Vendor: MobyMax and Google Classroom

Science 4 introduces students to the exciting world of physical science through work with collisions, scratch coding modules, hands-on activities, and Project Lead the Way Modules.

4Social Studies-OL:

Vendor: Google Classroom and Mi GO OPEN

Social Studies 4-OL In fourth grade Social Studies, students explore Michigan. Curriculum created by Michigan teachers in the GoOpen platform frames this in-depth study of Michigan's history, government, natural resources, and economic makeup.

4ELA/Writing/Motor Skill-OL- Vendors-MobyMax, the NightZookeeper, Reading Express

Online Language Arts 4 follows the common core standards for 4th grade English. Curriculum includes developing skills for reading, writing and listening skills. Students will understand words, syllables within a word, and sounds. Explain the differences between the books that tell stories and give information. Handwriting materials and manipulatives are included to help students develop the skills needed to master handwriting and letter formation. At this level students begin to work on language skills and mechanics in addition to their common core aligned discoveries.

4Theme Pack-OL--VENDOR GOOGLE CLASSROOM

In this course students will explore Fourth Grade PE skills, STEM skills, Computer Skills, Art Skills, and Music. All needed supplies and a device are provided by the district

KMS Online Course Catalog

Below is a list of alternative and innovative learning options designed to meet the needs of all of our students.

Please keep in mind that these courses can be enrolled in if parents and administration agree that an online option is in the best interest of the pupil. A counseling session with our online learning expert and a highly qualified instructor is a good first step to determine if this is an appropriate choice for your family. Please feel free to call the office to set up an appointment to discuss these options further.

Please keep in mind that essential courses in Math, Science, Social Studies, and Language Arts must be taken together per state law, electives can be taken a la carte.

5th Grade Offerings

LANG ARTS 5-OL

Online leveled ELA course that delivers Common Core aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

MATH 5-OL

Online leveled Mathematics course that delivers Common Core aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

READING 5-OL

Online leveled ELA course that delivers Common Core aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

SCIENCE 5-OL

Online leveled Social Studies course that delivers NGSS aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

SOC STUDIES 5-OL

Online leveled Social Studies course that delivers Michigan Social Studies aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

PRIMETIME 5-OL **This course is an elective and can be taken by itself. Filtered internet access and a chromebook are available.

Online course designed with input from primetime teachers to allow students to experience affective learning through modules designed to help students manage their time, talent, and emotions. This serves as the online orientation course and includes workflow and online learning success strategies. Students receive access to a google classroom, khan academy, code.org, BrainPop, and Discovery Ed. Students participate in weekly discussion topics via FlipGrid

5Computers-OL **This course is an elective and can be taken by itself. Filtered internet access and a chromebook will be issued.**

Online leveled Computers course that delivers Mitecs and National CS Standards aligned content in a media rich environment. This course is designed to deliver the educational technology resources students experience in the classroom. A variety of assignments are created to help students collaborate, improve digital literacy, and further their understanding of various topics.

6th Grade Offerings

LANG. ARTS 6-OL

Online leveled ELA course that delivers Common Core aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

COMPUTERS 6-OL**This course is an elective and can be taken by itself. Filtered internet access and a chromebook will be issued.**

Online leveled Computers course that delivers Mitecs and National CS Standards aligned content in a media rich environment. This course is designed to deliver the educational technology resources students experience in the classroom. A variety of assignments are created to help students collaborate, improve digital literacy, and further their understanding of various topics. This course is hosted inside google classroom with a BTS teacher

SOC STUDIES 6-OL

Online leveled Social Studies course that delivers Michigan Social Studies aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

SCIENCE 6-OL

Online leveled Social Studies course that delivers NGSS aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

PE 6-OL

Online PE/Health course designed to help students improve their lives through physical activity, stress management, nutrition, and avoiding destructive behaviors.

MATH 6-OL

Online leveled Mathematics course that delivers Common Core aligned content in a media rich environment. Consumable workbooks allow students to continue to develop fine motor and writing skills.

PRIMETIME 6-OLThis course is an elective and can be taken by itself. Filtered internet access and a chromebook are available for use.**

Online course designed with input from primetime teachers to allow students to experience affective learning through modules designed to help students manage their time, talent, and emotions. Students receive access to a google classroom, khan academy, code.org, BrainPop, and Discovery Ed. Students participate in weekly discussion topics via FlipGrid

EXPLORATORY BLOCK-OL **This course is an elective and can be taken by itself.

Filtered internet access and a chromebook are available.

This leveled course is designed to give students experience in all of BTS's exploratory subjects. This custom course includes modules in personal and family living, business, music appreciation, and engineering.

7TH Grade offerings

LANG ARTS 7-OL

Leveled language arts course aligned to common core standards and BTS Lang Arts 8 scope and sequence.

MATH 7-OL

Online leveled Mathematics course aligned to common core math standards and BTS scope and sequence. This course has a diagnostic and prescriptive component that allows the instructor to help remediate and prepare a student for high school mathematics courses.

COMPUTERS 7-OL **This course is an elective and can be taken by itself. Filtered internet access and a chromebook are available.**

Online leveled Computers course that delivers Mitecs and National CS Standards aligned content in a media rich environment. This course is designed to deliver the educational technology resources students experience in the classroom. A variety of assignments are created to help students collaborate, improve digital literacy, and further their understanding of various topics. This course is hosted inside google classroom with a BTS teacher

SOC STUDIES 7-OL

Online leveled Social Studies course that delivers Michigan Social Studies aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

SCIENCE 7-OL

Online leveled Science course aligned to NGSS standards and BTS brick and mortar offerings.

PRIMETIME 7-OL **This course is an elective and can be taken by itself. Filtered internet access and a chromebook are available.**

Online course designed with input from primetime teachers to allow students to experience affective learning through modules designed to help students manage their time, talent, and emotions. This serves as the online orientation course and includes workflow and online learning success strategies.

PE/HEALTH 7-OL **

Online PE/Health course designed to help students improve their lives through physical activity, stress management, nutrition, and avoiding destructive behaviors.

EXPLORATORY BLOCK-OL **This course is an elective and can be taken by itself. Filtered internet access and a chromebook are available.**

This leveled course is designed to give students experience in all of BTS's exploratory subjects. This custom course includes modules in personal and family living, business, music appreciation, and engineering.

8TH GRADE OFFERINGS

LANG ARTS 8-OL

Leveled language arts course aligned to common core standards and BTS Lang Arts 8 scope and sequence.

MATH 8-OL

Online leveled Math Course aligned to Common core standards and BTS Math 8 scope and sequence. This course is designed to provide scaffolding and remediation in addition to regular unit studies to prepare the student for Algebra 1.

ALGEBRA-OL

Online Algebra course aligned to common core and BTS Algebra 1 scope and sequence. Students will need to be placed into this course based on an evaluation of previous coursework and mathematical ability.

COMPUTERS 8-OL**This course is an elective and can be taken by itself. Filtered internet access and a chromebook are available.**

Online leveled Computers course that delivers Mitecs and National CS Standards aligned content in a media rich environment. This course is designed to deliver the educational technology resources students experience in the classroom. A variety of assignments are created to help students collaborate, improve digital literacy, and further their understanding of various topics. This course is hosted inside google classroom with a BTS teacher

SOC STUDIES 8-OL

Online leveled Social Studies course that delivers Michigan Social Studies aligned content in a media rich environment. Consumable workbook allows students to continue to develop fine motor and writing skills

SCIENCE 8-OL

Online leveled Science course aligned to NGSS standards and BTS brick and mortar offerings.

PRIMETIME 8-OL**This course is an elective and can be taken by itself. Filtered Internet access and a chromebook are available.**

Online course designed with input from primetime teachers to allow students to experience affective learning through modules designed to help students manage their time, talent, and emotions. This serves as the online orientation course and includes workflow and online learning success strategies. Students receive access to a google classroom, khan academy, code.org, BrainPop, and Discovery Ed. Students participate in weekly discussion topics via FlipGrid

PE-OL**

Online PE/Health course designed to help students improve their lives through physical activity, stress management, nutrition, and avoiding destructive behaviors.

EXPLORATORY BLOCK-OL**This course is an elective and can be taken by itself. Filtered internet access and a chromebook are available.**

This leveled course is designed to give students experience in all of BTS's exploratory subjects. This custom course includes modules in personal and family living, business, music appreciation, and engineering.

New Courses

Strategies for Academic Success 9-

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this year-long course encourages ninth graders to take ownership of their online learning experience and organize their workload.

Strategies for Academic Success 10-

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this year-long course encourages tenth graders to take ownership of their online learning experience and organize their workload. Students learn how to prioritize tasks, self-advocate, memorize and prepare for assessments.

Strategies for Academic Success 11-

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this year-long course encourages eleventh graders to take ownership of their online learning experience and organize their workload. Students learn how to prioritize tasks, self-advocate, memorize and prepare for assessments. Students also work on effective writing and communication skills. Strategies 11 takes a look at post-secondary plans, and students monitor their own graduation coursework progression as a means to realize those post-secondary plans.

Strategies for Academic Success 12-

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this year-long course encourages Seniors to take ownership of their online learning experience and organize their workload. Students learn how to prioritize tasks, self-advocate, memorize and prepare for assessments. Students also work on effective writing and communication skills. Strategies 12 takes a look at post-secondary plans, and students monitor their own graduation coursework progression as a means to realize those post-secondary plans. Students are also introduced to online work in the college arena, and are prepared for interacting in college courses.

FlivverConnect

2022–2023

Michigan Course List Core Curriculum and Electives

English Language Arts

English Language Arts 6
English Language Arts 7
English Language Arts 8
English 1

English 2
English 3

English 4

Mathematics

Mathematics 6
Mathematics 7
Mathematics 8
Pre-Algebra

Algebra I
Geometry

Algebra II

Precalculus
Financial Math

Concepts in Probability and Statistics

Science

Integrated Science 6
Integrated Science 7
Integrated Science 8

Biology

Chemistry

Earth and Space Science

Physical Science

Physics

Environmental Science

Social Studies

World Geography (Grade 6)

World History and Geography (Grade
7) Integrated U.S. History (grade 8)

Middle School Survey of World

History Middle School Modern World

History Government/Civics*

World History and Geography

Modern World History

U.S. History and Geography

Economics*

Human Geography

Civics and Citizenship*

World Languages

HIGH SCHOOL Only

French I

French II

American Sign Language

Electives

Art History I

Computer Applications: MS Office® 2016

Contemporary Health*

Foundations of Personal Wellness

Healthy Living (semester)*

Healthy Living (full-year)

Introduction to Art

Introduction to Computer Science

Lifetime Fitness (semester)*

Lifetime Fitness (full-year)

Personal Finance (full-year)

Psychology (full year)

Strategies for Academic Success 9

Strategies for Academic Success 10

Strategies for Academic Success 11

Strategies for Academic Success 12

Career Explorations I*

Career Explorations II*

AV TECHNOLOGY & COMMUNICATIONS

Fundamentals of Digital Media*

BUSINESS MANAGEMENT & ADMINISTRATION

Business Computer Information Systems

Business Law*

Introduction to Business

Keyboarding and Applications*

Microsoft® Office® Specialist

Small Business Entrepreneurship

Technology and Business

INFORMATION TECHNOLOGY

Computer Science Principles

Fundamentals of Computer Systems*

Fundamentals of Programming & Software Development*

Introduction to Coding*

Introduction to Computer Science

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Engineering and Design*

Engineering and Product Development*

Introduction to STEM*

Science and Mathematics in the Real World*

Scientific Discovery and Development*

Scientific Research*

STEM and Problem Solving*

Edynamic Learning Electives

HIGH SCHOOL ELECTIVES

African-American History*
American Sign Language 1A*
American Sign Language 1B*
American Sign Language 2A*
American Sign Language 2B*
American Sign Language 3A*
American Sign Language 3B*
Anthropology 1*
Anthropology 2*
Archaeology*
Mythology & Folklore*
Philosophy*
Social Problems 1*
Social Problems 2*
Veterinary Science*

ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS

Digital Photography 1A*
Digital Photography 1B*
Public Speaking 1A*
Public Speaking 1B*
Social Media 1A
Social Media 1B

HOSPITALITY &

TOURISM Culinary Arts 1A*

Culinary Arts 1B*
Culinary Arts 2*
Hospitality & Tourism 1*
Hospitality & Tourism 2A*
Hospitality & Tourism 2B*
Restaurant Management*

HUMAN SERVICES

Cosmetology 1† *
Cosmetology 2† *
Cosmetology 3A*
Cosmetology 3B*
Fashion Design*
Interior Design*
Nutrition & Wellness*

INFORMATION TECHNOLOGY

Cybersecurity 1A*
Cybersecurity 1B*

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

Careers in Criminal Justice 1A*
Careers in Criminal Justice 1B*
Criminology*
Military Careers*

MARKETING

Advertising and Sales Promotion*
Sports & Entertainment Marketing*

SCIENCE, TECHNOLOGY, ENGINEERING, AND

MATHEMATICS

Astronomy 1A*
Astronomy 1B*
Biotechnology 1A*
Biotechnology 1B*
Concepts of Engineering & Technology*
Forensics Science 1*
Forensics Science 2*
Forensics: Science of Crime A*
Forensics: Science of Crime B*
Great Minds in Science*
Marine Science 1A*
Marine Science 1B*

Kingsford High School - 10th, 11th, and 12th Grade Course Summary

****Courses listed in ALL CAPS are REQUIRED for each respective grade level****

| Subject: | 10 th | 11 th | 12 th |
|---|--|---|--|
| English: | ENGLISH 10 | ENGLISH 11 | ENGLISH 12 OR AP LITERATURE & COMPOSITION OR RHET. & COMP./ RESEARCH WRITING |
| Math | Algebra I Geometry** Algebra II** Pre-Calculus** Statistics** | Geometry** Algebra II** Pre-Calculus** AP Calculus AB** Δ Statistics** | Algebra II** Pre-Calculus*** AP Calculus AB** Δ+ Statistics*** CTE Classes (see below)+Δ |
| Science | BIOLOGY (unless taken in 9 th grade) Chemistry** Physics** AP Chemistry** Δ | Chemistry**Δ Physics** OR Adv. Physics**Δ Environmental Science**Δ(S1) Δ Environmental Science Mgmt.**Δ(S2) Δ AP Chemistry** Δ Δ Anatomy & Physiology IΔ CTE Classes (see below)Δ | Chemistry**+Δ Environmental Science** Δ+(S1) Δ Environmental Science Mgmt.** Δ+(S2) Physics**+ OR Adv. Physics**+Δ AP Chemistry** Δ+Δ Anatomy & Physiology I+Δ / II**+Δ CTE Classes (see below)Δ |
| Social Studies | ECONOMICS / CIVICS Law & You Geography Michigan History AP US History** Δ | WORLD HISTORY Law & You Geography Michigan History AP US History** Δ | Law & You Geography Michigan History AP US History** Δ |
| Physical Education/Health | Adv. Fitness Training** | Adv. Fitness Training** Adv. Fitness Training II** | Adv. Fitness Training** Adv. Fitness Training II** Adv. Fitness Training III (NFFT)** |
| Technology | Word/PowerPoint I Δ Excel/Access I Δ Game Design/Programming** Digital Video Editing Δ I Web Design Δ Δ (S1) I Photoshop Δ Δ (S2) I Advanced Web Development** AP Computer Science Principles** Δ I AP Computer Science A** Δ I | Word/PowerPoint I Δ Excel/Access I Δ Advanced Web Development** Game Design/Programming** Digital Video Editing I or II Δ I Web Design Δ Δ I (S1) Photoshop Δ Δ I (S2) AP Computer Science Principles** Δ I AP Computer Science A** Δ I | Word/PowerPoint I Δ Excel/Access I Δ Advanced Web Development** Game Design/Programming** I + Digital Video Editing I or II Δ I Web Design Δ Δ I Photoshop Δ Δ I AP Computer Science Principles** Δ I AP Computer Science A** Δ I+ |
| World Language | French I French II** Spanish I Spanish II** | French I French II** French III** Spanish I Spanish II** Spanish III** | French I French II** French III** Spanish I Spanish II** Spanish III** / Spanish IV** |
| Art | Art I Δ Advanced Art** Δ Craft Expl./Photo. Δ Δ (S1) Craft Expl./Pottery Δ Δ (S2) | Art I Δ Advanced Art** Δ Craft Expl./Photo. Δ Δ (S1) Craft Expl./Pottery Δ Δ (S2) | Art I Δ Advanced Art** Δ Craft Expl./Photo. Δ Δ (S1) Craft Expl./Pottery Δ Δ (S2) |
| Business | Personal Finance# Intro to Business/Exploratory# Business Economics / Business Law Accounting I Accounting II** | Personal Finance# Intro to Business/Exploratory# Business Economics / Business Law Accounting I Accounting II** | Personal Finance# Intro to Business/Exploratory# Business Economics / Business Law Accounting I+ Accounting II**+ |
| Industrial Arts | Engineering & Architectural Graphics Δ Mechanical Design** Δ Intro to Engineering Design Δ Robotics Δ Woodworking I Δ Woodworking II** Δ | Engineering & Architectural Graphics Δ Mechanical Design** Δ Adv. Mechanical Design & Detail** Δ Intro to Engineering Design Δ Robotics Δ Woodworking I, II, or Adv. Woodw.** Δ | Engineering & Architectural Graphics Δ Mechanical Design** Δ Adv. Mechanical Design & Detail** Δ Intro to Engineering Design Δ Robotics Δ Woodworking I, II, or Adv. Woodw.** Δ |
| Life Management | Child Dev. & Parenting Δ Nutrition & Foods Δ | Child Dev. & Parenting Δ Nutrition & Foods Δ | Child Dev. & Parenting Δ Nutrition & Foods Δ |
| Music | Jazz Band Δ Band Δ Kingsford Chorale Δ String & Piano Δ | Jazz Band Δ Band Δ Kingsford Chorale Δ String & Piano Δ | Jazz Band Δ Band Δ Kingsford Chorale Δ String & Piano Δ |
| Other | Virtual Learning Elective (online course)**# Dual Enrollment**# (Psych. & Sociology) | Virtual Learning Elective (online course)**# Dual Enrollment**# (Psych. & Sociology) Peer to Peer Learning# Work-Based Learning**# | Virtual Learning Elective (online course)**# Dual Enrollment**# (Psych. & Sociology) Peer to Peer Learning# Senior Seminar# Work-Based Learning**# |
| LEGEND: * ** = Courses have prerequisites – see Course Description Book Δ = Meets 3 rd Science requirement Δ = Can test (AP Exam) for college course credit Δ = Meets VPAA Requirement Δ = Indicates one-semester course (0.5 credit) # = This course can be taken either semester or the full-year I = Counts toward Technology Requirement + = Meets 4 th (senior year) Math Requirement – when taken as a senior and not used to satisfy another requirement | Career/Technical Education ↓ → Auto Body & Fabrication I Δ Automotive Technology MLR Δ Construction Trades I Δ Electrical & Mechanical Sys. in Industry I Δ Graphic Communications I Δ Health Occupations CORE Δ Marketing & Entrepreneurship I Δ Welding Technologies I Δ Computer Networking & Security Δ C++ & Creation w/ Unreal Engine** Δ (See Course Descriptions for more information. All courses are two-period, full-year, 2.0 credits.) | Auto Body & Fabrication I or II** Δ Automotive Technology MLR Δ Construction Trades I or II** Δ Electrical & Mechanical Systems in Industry I or II** Δ Graphic Communications I or II** Δ Health Occupations-CORE Δ Health Occupations-MED. TERM. Δ Marketing & Entrepreneurship II Δ Marketing & Entrepreneurship II** Δ Welding Technologies I or II** Δ Computer Networking & Security I or II Δ C++ Creation w/ Unreal Engine** Δ | Auto Body & Fabrication I, II, or III** Δ Automotive Techn. MLR A, B, or III** Δ Construction Trades I or II or III** Δ Electrical & Mechanical Systems in Industry I, II, or III** Δ Graphic Communications I, II, or III** Δ Health Occupations-CORE or III** Δ Health Occupations-MED. TERM. Δ Marketing & Entrepren. I, II or III** Δ Welding Technologies I, II or III** Δ Computer Netw. & Security I, II or III** Δ C++ Creation w/ Unreal Engine** Δ |

