

KALAMAZOO PUBLIC SCHOOLS
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November 27, 2019

**MEETING ANNOUNCEMENT FOR THE
KALAMAZOO PUBLIC SCHOOLS BOARD OF EDUCATION**

A regular meeting of the Board of Education of the Kalamazoo Public Schools will be held on **Thursday, December 5, 2019 at 7:00 p.m.** in the Board Room of the Administration Building, 1220 Howard Street, Kalamazoo, MI 49008.

KALAMAZOO PUBLIC SCHOOLS

Jennie Hill, Secretary
Board of Education

- ❖ Please contact the Superintendent's Office in advance of the meeting if auxiliary aids or services for individuals with disabilities are needed.
- ❖ Official minutes of Kalamazoo Public Schools Board of Education open meetings are available for inspection within eight working days of the meeting at the Superintendent's Office, 1220 Howard Street, Kalamazoo, MI 49008.

KALAMAZOO PUBLIC SCHOOLS
Board of Education Meeting
1220 Howard Street
December 5, 2019 – 7:00 P.M.

A G E N D A

- I. Call to Order**
- II. Pledge of Allegiance**
- III. Attendance**
- IV. Announcements and Recognitions**
- V. Committee Reports/School Reports**
- VI. Correspondence**
- VII. Consent Calendar Items**
 - A. Minutes**
 - 1. 11-19-19 Advance Meeting Minutes
 - 2. 11-21-19 Regular Meeting Minutes
 - B. Business and Financial Reports**
 - C. Personnel Items**
Personnel Changes
 - D. Other**
- VIII. Persons Requesting to Address the Board (3 minutes individual limit)**
- IX. Reports and Recommendations**
 - A. Bulletin of Courses 2020-2021 Second Reading
 - B. Professional Development
- X. Other Business**
- XI. Comments by Trustees/Superintendent**
- XII. Closed Session (if needed)**
- XIII. Next Regular Board of Education Meeting: Thursday, December 19, 2019**

KALAMAZOO PUBLIC SCHOOLS

Board of Education

1220 Howard Street

November 21, 2019 – Board-Superintendent Advance

President Patti Sholler-Barber called the special meeting to order at 6:25 p.m. in the media center of the West Main School Professional Development Center, 1627 West Main Street. The purpose of the meeting was for the board to hold a communications workshop, as well as discuss any other matters that may come before the board.

Board members present: Ken Greschak, TiAnna Harrison, Jennie Hill, Jermaine Jackson, Tandy Moore, Jason Morris, and Patti Sholler-Barber. Interim Superintendent Gary Start was also present.

1. Advance meeting agenda items discussed:

- Policy 1.2 discussion; and
- Michigan Association of School Boards superintendent search.

No action was taken on the aforementioned items.

President Patti Sholler-Barber adjourned the meeting at 8:30 p.m.

Respectfully submitted by,

Jennie Hill, Secretary
Board of Education

KALAMAZOO PUBLIC SCHOOLS
Board of Education
1220 Howard Street
November 21, 2019 – Regular Meeting

I. Call to Order

President Sholler-Barber called the November 21, 2019 regular Board of Education meeting to order at 7:00 p.m. in the Board Room of the Administration Building, 1220 Howard Street.

II. Pledge of Allegiance

The Pledge of Allegiance was recited.

III. Attendance

Board members present: Ken Greschak, TiAnna Harrison, Jennie Hill, Jermaine Jackson, Tandy Moore, Jason Morris, and Patti Sholler-Barber. Interim Superintendent Gary Start was also present.

IV. Announcements and Recognitions

Director of Marketing and Communications Susan Coney presented Woods Lake Elementary: A Magnet Center for the Arts Turnaround Students: Christopher Dehollander-Smith and Destiny Purk, third grade; and Ga’Naisa Winston and Ontario Carson, fifth grade.

Also in attendance and introduced by Ms. Coney were Dr. Micole Dyson principal of Woods Lake Elementary: A Magnet Center for the Arts, and staff members Melanie Lockett, Cambray TrapHagan, Ebony Sikaundi, Wyndi Harper-Williams, Alexander Miller, Christine McGuire, Jeana Little, Dawn Hosler, Maritza Graca-Lobo, Marlean Wilson-Bridges, and Natalie Orbe. The students’ parents and family members in the audience were also recognized.

V. School Reports/Committee Reports

Committee Reports

Evaluation Committee - *Trustee Hill, chair*, stated that the committee had met on Tuesday Nov 12. She noted that the committee had discussed topics for future meetings and new proposed curriculum, which would be presented at tonight’s meeting.

Communities in Schools (CIS) - *Trustee Harrison, representative*, noted that CIS was having their annual ugly sweater party on December 5, 5:30 p.m. at Bells Brewery.

Superintendent Search – President Scholler-Barber, representative, stated the committee had met on November 19 and that Michigan Association of School Boards (MASB) presented their findings from the online superintendent search survey and the 27 community sessions held for community input. She noted that over 487 people replied to the online survey and that they had received reports from over 200 people who had attended the community meetings. President Sholler-Barber shared that the results were on the KPS website.

VI. Correspondence

Secretary Hill reviewed the correspondence received for the period of November 8 through November 19, 2019. (File #10.)

VII. Consent Calendar

President Sholler-Barber presented the Consent Calendar items: VII.A. November 7, 2019 Regular Meeting Minutes; VII.B. Purchase Recommendations 2020-13, 2020-14, 2020-15, and 2020-16; and VII.C. Personnel Changes.

MOTION: Implied to approve the Consent Calendar as presented.

Disposition: Voice vote: motion carried, 7-yes, 0-no, 0-abstentions.

Interim Superintendent Gary Start reviewed the purchase recommendations:

- 2020-13 in the amount of \$41,313.84 from the 2018 bond for the purchase of two Combi gas ovens for the CEC kitchen to replace two Combi gas ovens needed to prepare food for multiple locations. These new ovens will be moved to the new district kitchen at the Ravine Road location upon its completion.
- 2020-14 in the amount of \$32,750.00 from the Facilities Management Cost Center for the replacement of a Card Access Server Upgrade which is necessary for the use of keyfob access by all district staff for entry into district buildings. The existing server and software were purchased and installed nine years ago and are not compatible with the newer keyfob technology.
- 2020-15 in the amount of \$153,742.00, \$125,000.00 from the Michigan State Police Competitive School Safety Grant Program (CSSGP) and \$28,742.00 from the 2018 bond for the purchase of exterior speakers at twenty-one (21) schools to cover main entrances, playgrounds, and bus loop areas. These speakers will tie in to the public address system at each building and allow for communication outside of KPS buildings.
- 2020-16 in the amount of \$84,849.00, \$42,424.00 from the Michigan State Police Competitive School Safety Grant Program (CSSGP) and \$42,425.00 from the 2018 bond for the purchase of Bi-Directional Amplifiers for six (6) KPS buildings. This device supports two-way communications, amplifies the signal, and will extend the range of the radio systems to cover the entire building.

VIII. Persons Requesting to Address the Board

President Sholler-Barber shared the public participation guidelines:

- According to Board Policy 1.2, speakers should each begin their comments by stating their name, address, and connection to/interest in the Kalamazoo Public Schools and, if applicable, the organization that they represent.
- Speakers should be courteous and professional. The chairperson of this meeting may terminate public comments that are profane, vulgar, or defamatory. Speakers should refrain from identifying individuals when offering criticism.
- Speakers have three minutes each and must stop speaking promptly when signaled.
- Speakers may not address confidential student or personnel matters, but may submit such concerns to the board in writing.
- Speakers are reminded that the board will not respond to public comments, but that the administration may or may not follow up with speakers at some point regarding speaker comments.

Melissa Ray, Kalamazoo, introduced herself as a human rights advocate. She noted that she had attended the Metro Transit board meeting and had concerns on their proposed changes to the youth mobility program. Ms. Ray stated that she supports the new reproductive health curriculum and hoped it had some component on human trafficking.

Tina Tabulog, 2420 South Burdick, Kalamazoo, introduced herself as a parent of three KPS students. She thanked the board for making the decision to close schools after the media threat and that she was relieved to not have to make that decision herself.

Pam Wadsworth, 2126 Benjamin Avenue, Kalamazoo, introduced herself as a parent of three children in KPS. She stated that she supported the new reproductive health curriculum.

Sheri Mohmand, 6147 Old Log Trail, Kalamazoo, introduced herself as a parent who had had children in KPS since 1996. She stated that she thought KPS had done a good job handling the media threats. Ms. Mohmand noted that they had received information from the district on their home phone as well as on both cell phones. She stated that her daughter was comfortable going to school on Tuesday and that there was sufficient police presence at Linden Grove Middle School.

Jen Stroven, 1625 West South Street, Kalamazoo, introduced herself as a parent of two children at Parkwood Upjohn Elementary School. She noted that she was excited about the new reproductive health curriculum and that her fifth grade student would have that class this year.

Sarah Davis, 501 South 8th Street, Kalamazoo, introduced herself as a parent of four children at Northglade Montessori Magnet School. She stated her support of the reproductive health curriculum. Ms. Davis wanted to make sure that the curriculum was affirming our LGBTQ students and their identities.

Christina Getachew, 1429 Spruce Drive, Kalamazoo, introduced herself as the parent of two daughters at Loy Norrix High School. She stated her support of how things were handled in the aftermath of the social media threat. Ms. Getachew noted the quick action demonstrated that our administrators, board, and local law enforcement were on top of things.

Shari Weber, Kalamazoo, introduced herself as the parent of two students in KPS. She thanked the board for the changes to the reproductive health curriculum. Ms. Weber stated she was excited about the new course on women's studies and that she appreciated the communication to parents regarding the school closing. She suggested that in the future it would be helpful to reassure students that the police were present at their buildings for their safety.

Joseph Burrell, 4346 Hemmingway Drive, Kalamazoo, introduced himself as a father of three KPS students. He noted that the communication regarding the media threat was handled very well by KPS administration. Mr. Burrell stated that Principal McCane and Principal Boggan made sure that the parents were well informed and able to explain to their children what was happening.

Sara Carroll Muniz, 6345 Nightingale Avenue, Kalamazoo, introduced herself as a parent of a student at Martin Luther King, Jr. in Westwood Elementary School and a teacher at Kalamazoo Central High School. She stated her support for the reproductive health curriculum and she hoped it would be inclusive of our non-conforming students. Ms. Muniz spoke on behalf of students that the sudden decision to limit Metro Transit bus access was confusing to students, families, and teachers.

Gene Coulter, 1520 Tillingsdale, Kalamazoo, introduced himself as a parent of a seventh grade student at Linden Grove Middle School. He stated that he had had no concerns during the recent media threat. Mr. Coulter thanked Mr. McCane for doing a wonderful job as principal of Linden Grove Middle School.

Sam Kwei, 2234 North 10th Street, Kalamazoo, introduced himself as a parent of two children at Linden Grove Middle School. He stated that communication regarding situations at schools was very important. Mr. Kwei noted that the recent communication from KPS administration made him feel his children were safe at school.

Skyler Wescott, Kalamazoo, introduced himself as a parent of three children in KPS. He stated that there had been an increase in communication from KPS the past few years. Mr. Wescott noted that his children stated that they felt safe at school. He also shared that he supported the ALICE training for staff and students in KPS.

Craig McCane, 8333 Woodcrest Drive, Rockford, introduced himself as the Principal at Linden Grove Middle School. He stated that there had been an abundance of caution in the decision to close school on November 11 due to a media threat. Mr. McCane shared that KPS was well-structured and well-rehearsed on the safety of students, staff, and teachers. He thanked Interim Superintendent Gary Start, local law enforcement, the KPS school board, Director of Student Services Ms. Nkenge Bergan, Campus Security Chief Mr. Don Webster, Director of Secondary Education Mr. Johnny Edwards, parents, and community members for their support during this difficult time.

Morgan Smith, 2420 South Burdick, Kalamazoo, introduced herself as a freshman at Loy Norrix High School. She thanked the board for cancelling school due to the recent media threat and stated that it made her feel safe.

IX. Reports and Recommendations

A. Reproductive Health Care Curriculum

Mr. Gary Start read the recommendation for the approval of Rights, Respect, Responsibility: A K-12 Sexuality Education Curriculum for fifth grade through high school reproductive health care instruction.

Ms. Bergan presented the following report:

Our fifth through twelfth grade Reproductive Health Curriculum, Puberty: The Wonder Years was adopted in 2010 by the board and is out of date. Our County Health Education Advisor provided information on Rights, Respect, Responsibility: A K-12 Sexuality Education Curriculum that was developed by Advocates for Youth for local advisory committees to review. Our Reproductive Health Advisory Committee reviewed and recommends Rights, Respect, Responsibility. This curriculum fully meets the National Sexuality Education Standards. The curriculum seeks to address both the functional knowledge related to sexuality and the specific skills necessary to adopt healthy behaviors. Rights, Respect, Responsibility reflects the tenets of social learning theory, social cognitive theory and the social ecological model of prevention. Rights, Respect, Responsibility follows the National Sexuality Education Standards for what students should learn and be able to do at each grade level and it is inclusive of learners of all genders and sexual orientations. Rights, Respect, Responsibility is intended for use with students in Kindergarten through 12th grade. Its lessons are age-appropriate, beginning with basic lessons about friendship and safety, and introducing more complex concepts as student's age.

Our advisory committee and several teachers in grades 5-12 took time to review this resource and found that this free curriculum will provide a great resource to use with our students and we look forward to updating the current lessons taught using this resource. The curriculum comes with a teacher's guide, PowerPoint presentations, and

homework assignments. Also, it is flexible in that we can elect to teach all or only portions of it. The writers wanted to ensure that districts have the ability to do what is best for their community by having the most updated information on hand. As always, parents will know in advance what will be taught in their child's grade and have the ability to opt-out on those lessons. Teachers will also receive training on implementation.

We are excited about this new curricula and look forward to helping all of our children feel included, empowered, and valued.

MOTION: Moved by Trustee Morris, supported by Trustee Harrison and Trustee Moore, to approve the recommendation as presented.

Board discussion:

Trustee Harrison stated that she believed this new curriculum empowers students to make educated choices for the rest of their lives.

Trustee Greschak asked Ms. Bergan if there was information in the new curriculum on LBGQT.

Ms. Bergan stated that there were lessons on gender roles, family structure, sexual preferences, and sexting. She noted that students can choose the lessons in which they are interested in. Ms. Bergan stated that parents/students can opt-out of these lessons if they choose.

Trustee Greschak asked Ms. Bergan when the new curriculum would be implemented.

Ms. Bergan stated that the fifth grade units would begin sometime in the spring of 2020. She noted that 9-12 grades were already using parts of this curriculum.

Trustee Moore stated that she was supportive of this curriculum. She noted that she would like more information on when the specific content of the lessons would be presented to our students.

Ms. Bergan stated that letters would go home prior to the units being taught. She noted that if parents wanted to review the unit it was available online or they can choose to opt-out of the unit.

Trustee Jackson thanked Ms. Bergan for her hard work on this curriculum. He appreciated that there was an opt-out choice for parents.

Trustee Harrison asked Ms. Bergan if there was a unit on abstinence.

Ms. Bergan stated that there were units on waiting, making good choices, and being informed. She noted the goal of this curriculum was to empower children to make good decisions.

Ms. Bergan explained that the Reproductive Health Advisory Committee included three nurses, two clergy, three teachers, and that most of the people on the committee had children in the KPS district.

Trustee Morris thanked Ms. Bergan for all of the hard work with the committee to update this curriculum. He noted that this was a necessary upgrade and asked if there was a unit on social media.

Ms. Bergan responded that there was a unit on social media.

President Sholler-Barber stated that sexuality and discovering your identity are very important. She noted that she was glad to hear that there would be training and sharing among teachers. President Sholler-Barber thanked Ms. Bergan and the committee for all of the hard work on this updated curriculum.

Disposition: Roll call vote: motion carried, 7-yes, 0-no, 0-abstentions.

B. Middle and High School Course and Program Recommendations for 2019-20 – First Reading

Assistant Superintendent of Teaching and Learning Services Cindy Green, Director of Secondary Education Johnny Edwards, and Coordinator of Mathematics & Science Matthew Johnson reviewed the proposed course bulletin changes for 2019-20:

- At the middle school level, Teaching and Learning Services (TLS) recommends the introduction of Chinese to its eighth grade students. This course would be all three trimesters and provide eighth graders with the opportunity to learn a new language.
- Video Productions (Maple Street Magnet), Leisure and Lifetime Activities, and Introduction to Choir will be deleted at the middle school level due to lack of interest or change in titles.
- At the high school level, a new course called Discrete Mathematics will be added. This course is for students interested in computer science as a four-year math course the senior year. Reasoning, proof techniques, coding, cryptography, and logistics will be covered.
- Personal Financial Literacy is recommended to be added to help teach our students about being fiscally responsible. This course is a half-credit, which will count towards the required economics credit. Spending, saving, credit decisions, loans, credit, investing, and independent living will be covered.
- The Michigan Merit curriculum no longer requires students to earn credits in specific science courses. Students are required to demonstrate proficiency in the state content standards that include physical science, life science, and earth science topics.
- Kalamazoo Public Schools offers students a wide range of courses that address each of the major domains of science:

	Physical Science	Life Science	Earth Science
	Environmental Science A	Biology	Environmental Science B
	Chemistry	Human Anatomy & Physiology	Astronomy
	Honors Chemistry	Forensics Science B	Earth Science
	Forensics Science A	AP Biology	Geology
	Physics		
	AP Physics		
	AP Chemistry		

- Currently high school students follow this general path to earn their three credits in science. All freshmen begin with a biology course, sophomores select from a variety of courses aligned to the physical science or earth science as shown in the following chart:

Grade	Current Science High School Course Sequence
Grade 9	Biology A & B
Grade 10	Chemistry A & B, Physics A & B, Environmental Science A & B, or Forensic Science
Grade 11	Science Elective or Career Technical Education Course
Grade 12 (Optional 4 th Science Credit)	Science Elective or Career Technical Education Course

- For the 2020-21 school year KPS is making adjustments to the course pathway with a trimester of physical science, a trimester of earth science, and a trimester of life science to ensure that all students receive a foundational understanding of all major science domains.
- All freshmen will begin high school science with environmental science A & B. This course will focus on physical science topics like energy transfer, properties of matter, and chemical reactions.
- Environmental Science B will focus on earth science topics like weather, climate, and sustainability. Students will then take Biology A as their third high school science course.
- One of the benefits of this update is that it allows postponing biology, which is a cognitively demanding course that is better suited for more mature students. The updated course pathway will ensure that all students will have a foundation in the major science domains. This updated sequence will connect our courses to particular careers in an effort to increase students pursuing careers in science, technology, engineering, and mathematics, or STEM fields.
- The following chart shows a variety of course pathways that allow students to pursue fields of study that will directly relate to their career aspirations. The top line of the chart shows major career fields like medicine, engineering, and criminal justice. Below that there are associated careers and science courses that will help prepare students for pursuing particular careers after high school in an internship, apprenticeship, certificate program, or post-secondary institution.

	Medical Science	Environmental Science	Engineering	Citizen Science	Criminal Justice	Computer Science
Associated Careers	Physician, Nurse, Medical Technician, Veterinary Medicine, Biomedical Scientist, EMTs, Physical Trainer, Radiologists, Sports Medicine	Landscaping, Environmental Engineer, Construction Trades, Biologist, Forester, Geologist	Mechanical Engineer, Electrical Engineer, Electrician, Architect, Manufacturing	Entrepreneur, Business owner, Artist, Politician, Communications, Hospitality, Culinary Arts	Lawyer, Public Safety, Fire Fighter, Conservation Officer,	Technology Specialist, Software Developer, Web Design, Computer Engineer, Systems Analyst, Computer Programmer
Freshman	Environmental Science A, Environmental Science B, Biology A	Environmental Science A, Environmental Science B	Environmental Science A, Environmental Science B, Biology A	Environmental Science A, Environmental Science B	Environmental Science A, Environmental Science B,	Environmental Science A, Environmental Science B, Biology A
Sophomore	Biology B, Chemistry A, Chemistry B	Biology A, Biology B	Physics A, Physics B	Biology A, Biology B	Biology A, Biology B	Biology B, Physics A & B
Junior	AP Biology or AP Chemistry A & B or Anatomy and Physiology A & B	Chemistry A, Chemistry B	CTE Elective or AP Physics	Any science electives (2 tris)	Forensic Science A, Forensic Science B	AP Physics
Senior	AP Biology or AP Chemistry A & B or Anatomy and Physiology A & B	AP Chemistry, AP Biology or CTE elective	Chemical Engineering or CTE elective	Optional Science Elective or CTE elective	Anatomy and Physiology A & B, or CTE elective	Computer Science (Eligible for Algebra 2 credit) or CTE elective
CTE Courses	Animal Technology, Emergency Medical Technician (EMT), Health Science, Veterinary Science, Fundamentals of Health Science, Certified Nurse Assistant, Dental Assistant	Conservation Biology, Construction Trades	Automotive Technology, Aviation Technology, Computerized Manufacturing, Construction Trades, Electrical Technology, Electronics and Robotics, HVAC, Welding Trades	Art and Design, Cosmetology/Barbering, Culinary Arts, Furniture and Cabinetry, Parenting and Child Development, Teacher Academy	Cybersecurity, Emergency Medical Technician (EMT), Law Enforcement,	Computer Science/Software Engineering, Cybersecurity, Electrical Technology, Electronics and Robotics, Information Technology

- In addition to the changes in science, KPS is recommending that Chemistry, Physics, Honors Chemistry, AP Chemistry, and AP Physics become an option for students looking to earn the fourth related mathematics credit. This option is available within the Michigan Merit Curriculum.
- Teaching and Learning Services is also recommending the addition of a new social studies course entitled Women's Studies. This course would be offered at the two comprehensive high schools. Women's Studies will explore the history and social impact of women around the world. It will review laws, movements, and significant women in history. The course will include economics, sociology, psychology, politics, governments, culture, and relationships.
- In terms of our work with KRESA's Education for the Arts (EFA) and Education for Employment (EFE), we are recommending the deletion of the following EFA courses:
 - Metal & Jewelry Art;
 - Studio Art Weekend;
 - Digital Storytelling Online;
 - Digital Graphic Art;
 - Digital Film Art;
 - Advanced Dance Company;
 - Music Studio 1; and
 - Advanced Music Studio.
- EFA course Modern/Jazz Dance Studio will have a change of title and would be Beginning Dance Studio.
- Education for Employment (EFE) changes include recommending the addition of two new courses and four title changes. The new courses are:
 - Mechatronics-students design, build, program, and troubleshoot a variety of systems (electronics, mechanics, and computers); and
 - AP Computer Science Principles-students cultivate their understanding of computer science through data, collaborating to problem solve, develop computer programs, explore creativity, and global computing.The EFE course title changes are:
 - Emergency Medical Technology;
 - Introduction to Information Technology;
 - Dental Assisting; and
 - Furniture & Cabinet Making to Engineering in Wood Technology.The EFE course title and description changes are:
 - Introduction to Cybersecurity to:
 - Information Technology 1 – Choose a path of study from Info Tech: PC Technician or Info Tech: Cisco Networking; and
 - Information Technology II – Second year of course to focus on one or more of the following areas: Cybersecurity, Servers, Linux, and Cloud.
- Early/Middle College (EMC) Programs through Kalamazoo Valley Community College (KVCC). EMC is designed to allow a student to earn a high school diploma and substantial college credit at the same time. The college credit could result in a professional certificate, certificate of achievement, or an associate's degree. All classes are held on the campus of KVCC. Over the course of the past several years we've had to add and delete certain programs.
 - Associate of Arts (AA) 62 credit hours 2019-20/2020-21:
 - Business Administration;
 - Computer Information Systems;

- Computer Science;
- Criminal Justice;
- Elementary Education;
- Secondary Education;
- Social Work; and
- Studio Art.
- Associate of Science (AS) 62 credit hours 2019-20/2020-21:
 - Biological Sciences;
 - Computer Science; and
 - Engineering.
- Associate of Applied Science (AAS) 2019-20/2020-21:
 - Accounting;
 - Administrative Assistant;
 - Culinary Arts & SF;
 - Graphic Design;
 - IT Support Technician;
 - Machine Tool Technology;
 - Emergency Medical Services; and
 - General Marketing.
- Certificate (CERT) 30 credit hours 2019-20/2020-21:
 - Administrative Support;
 - Graphic Design;
 - Machinist; and
 - Office Management.
- Certificate of Achievement 3-30 credit hours 2019-20/2020-21:
 - Auto Brake Systems;
 - Auto Suspension/Steering;
 - CNC Operator;
 - Desk Side Support;
 - Dietary Manager;
 - Machine Tool Operator;
 - Network Manager;
 - Office Support Specialist;
 - PC Support Technician;
 - Software Specialist;
 - Welding Constant Current;
 - Welding Constant Voltage;
 - Word Processing Specialist; and new this year
 - Emergency Medical Tech-Basic.

Board discussion:

Trustee Hill stated that she loved seeing the new course changes that would continue to keep KPS students interested. She noted that the women's studies course was inspired from a group of students who spoke to the board last year and it was now a part of KPS curriculum.

Trustee Moore asked if we could have an explanation of the transportation availability for EFE, EFA, and Early/ Middle College.

Mr. Edwards stated that Loy Norrix High School (LNHS) is the transportation hub for EFE, EFA, KAMSC, and Early/ Middle College. He noted that all county districts work collaboratively at LNHS to transport students to the various programs.

Trustee Morris thanked Ms. Green, Mr. Edwards, and Mr. Johnson for the presentation. He noted that he liked the addition of a women's studies course and thought that financial literacy should be a mandatory course for all students.

Trustee Harrison stated she was excited about the personal financial literacy course to help our young students. She was happy to see 70 students enrolled in the Early/Middle College. Trustee Harrison noted that students could start a career at 18 with no debt.

President Sholler-Barber stated that Early/Middle College is life-changing for a student to receive a skill or certification that can be an asset in keeping their student debt lower. She noted how happy she was to see the addition of the women's studies class.

X. Other Business

None.

XI. Comments by Trustees

Trustee Harrison stated she was at the MASB annual leadership conference November 8-11. She noted that this had been an opportunity to take classes to help her be a better board member.

Trustee Harrison thanked Mr. Webster for handling a very difficult situation this past week. She noted the dedication from the department of public safety and appreciated everything public safety did to keep us safe.

Trustee Moore stated that she had been impressed with the response from the district after the media threats. She noted that she had received frequent updates and was able to answer questions regarding the situation. Trustee Moore stated that many students were comfortable with the metal detectors and the police presence at their schools the next day. She noted that in the future KPS needs to be mindful of all students in its district who may have a different reaction to those situations.

Trustee Moore stated that she was in support of the curriculum changes. She noted that it was nice to see that biology could be taken at a later time, which would help those students not prepared for the rigors of biology.

Trustee Jackson stated that he thanked Mr. Webster, Ms. Bergan, and Mr. Start for the hard work they had put into keeping our district safe. He noted that it had been good to have the updated information to answer questions about how KPS had handled the situation.

Trustee Jackson thanked Ms. Coney for the updates regarding the superintendent search on the KPS website. He also thanked Ms. Bergan for participating in PUSHOUT Kalamazoo and Trustee Moore for attending that event.

Trustee Jackson stated that since the rollout of the Kalamazoo Public Library (KPL) one-card there have been 13,266 student one-cards used. He noted that there were 6,394 active student one-cards during the school year, 134,817 items circulated by students in the KPS district, and 13,200 total computer sessions used at KPL. Trustee Jackson reminded students that their school ID cards are their library cards.

Trustee Hill stated that she had attended the MASB conference on November 8-11. She noted that she had also attended a breakfast of champions which was part of a male mentoring program run by community member Jim Hess who had been running this program for 27 years. Trustee Hill thanked the Foundation for Excellence and Kalamazoo Metro for their partnership. She noted that there was going to be some re-evaluating with a re-launch of the program with a few changes.

Trustee Hill stated that the KPS Excelsior goes to 55,000 households. She noted that the writing and the editing of the Excelsior was coordinated by the KPS communications department and that the advertising, printing, and distribution of the paper was headed by Encore Magazine. Trustee Hill explained that the advertising revenues offset the printing and mailing costs. She noted that the Excelsior does not endorse political candidates.

Trustee Hill noted her concern over gun violence in schools. She asked the community to visit the Michigan Coalition to Prevent Gun Violence website at <https://michigancoalitiontopreventgunviolence.org> to find information about pending gun legislation.

Trustee Morris stated that KPS was challenged last week with the media threat. He noted that he was grateful for the KPS response. Trustee Morris shared that the upgrade in the reproductive health curriculum was much needed and a great opportunity for our students. He explained that the board had worked hard on developing the requirements for the superintendent search at the advance meeting on November 19. He noted that he was proud to be serving as part of this board.

Trustee Greschak stated that he agreed with Trustee Morris and the work that was done at the board advance meeting. He noted that he was hopeful and expected to come out of this superintendent search process with a wonderful superintendent. Trustee Greschak commended the district for the way in which they handled the threat against our schools.

President Sholler-Barber thanked Mr. McCane and the parents who attended tonight's meeting. She also thanked Mr. Webster and his team who assured us that the right decisions were being made regarding the safety of our schools. President Sholler-Barber noted that Mr. Webster's relationships with Kalamazoo Department of Public Safety and the Michigan State Police were very important to this district.

President Sholler-Barber stated that KPS families need to be pro-active with the upcoming census. She noted how important an accurate count was for government grants for many KPS programs.

President Sholler-Barber stated that she had received a nice note from Blaine Lamb who commended Kalamazoo Central High School teacher Rex Hafer for his work with the Kalamazoo Central National Honor Society.

Trustee Moore thanked Trustee Hill for pushing for better gun control legislation. She asked what the board could do as a whole to be better advocates in this area.

Comments by the Interim Superintendent

Mr. Start stated that the presentations at tonight's meeting were outstanding. He thanked Mr. Webster, Ms. Bergan, and Ms. Coney for their work and professionalism during this past weeks building threats. Mr. Start also thanked Ms. Green, principals, school staff, parents, and campus safety for helping to make sure things were running smoothly at all of the buildings.

Mr. Start stated that enrollment was really good this year. He noted that based on the unaudited account, KPS will have 82 more students than budgeted for. Mr. Start shared that more kids in the district opens up more opportunities for all students. He thanked the board, Dr. Rice, and all the people that work with KPS students.

XII. Closed Session (if needed)

President Sholler-Barber did not call for a closed session and adjourned the meeting at 9:07 p.m.

XIII. President Sholler-Barber announced the next regular Board of Education meeting date: Thursday, December 5, 2019 at 7:00 p.m.

Respectfully submitted,

Betse Klepper, Recording Secretary
on behalf of Jennie Hill, Secretary
Board of Education

KALAMAZOO PUBLIC SCHOOL
Office of the Superintendent

TO: Board of Trustees
FROM: Gary L. Start, Interim Superintendent
DATE: December 5, 2019
SUBJECT: Personnel Changes

RECOMMENDATION: It is recommended that the board approve the following employment changes:

- I. Employment
 - A. Professional/Management
 - B. Classified
Dawanda R. Dade, Attendance Interventionist, Loy Norrix High School, 11/21/2019
Emily M. Kinner, Special Education Paraprofessional, Kalamazoo Central High School, 11/25/2019
- II. Promotions/Key Transfers
 - A. Professional/Management
 - B. Classified
- III. Leaves of Absence
 - A. Professional/Management
 - B. Classified
- IV. Terminations
 - A. Professional/Management
Cody M. Getsinger, Physical Education Teacher, Spring Valley Center for Exploration (0.7 FTE) and Dr. Martin Luther King, Jr. in Westwood Elementary School (0.3 FTE), 12/5/2019, Resigned
Karen T. Jansheski, Academically Talented Teacher, Winchell Elementary School (0.5 FTE) and CEC (0.5 FTE), 11/30/2019, Retirement
 - B. Classified
- V. Termination from Leave of Absence
 - A. Professional/Management
 - B. Classified
- VI. Return from Leave of Absence
 - A. Professional/Management
 - B. Classified

KALAMAZOO PUBLIC SCHOOLS
Office of the Superintendent

TO: Board of Trustees

FROM: Gary L. Start

DATE: December 5, 2019

SUBJECT: Middle and High School Course and Program Recommendations for 2020-2021

RECOMMENDATION:

It is recommended that the Board of Trustees approve the following additions, deletions, and other changes to the course and program offerings for incorporation into the 2020-2021 Bulletin of Courses. Actual course offerings are contingent upon budget and scheduling. The first reading was held on November 21, 2019 with a board presentation. This is the final reading for adoption of the changes.

I. MIDDLE SCHOOL

A. ELECTIVE COURSES

Delete the follow course offerings:

- **Video Productions** (Maple St. Magnet School)
- **Leisure and Lifetime Activities**
- **Introduction to Choir**

B. WORLD LANGUAGES

Add the following new elective course offering for 8th grade:

- **Introduction to Chinese**
Elective • 3 Trimesters (full year)
Course #: 90851
This course is an introduction to the basic elements of Chinese and the cultures of the Chinese-speaking world.

II. HIGH SCHOOL**A. MATHEMATICS**

Add the following new elective course offering:

- **Discrete Mathematics**
 1 Trimester • 0.5 Credit
 Course #: 5058-1
 Prerequisite: Algebra II B
 This course is designed for students who have completed their core mathematics courses through Algebra II and who have an interest in computer science. The content covers widely applicable mathematical tools for computer science, including topics from logic, set theory, number theory, probability theory, and graph theory. Discrete Mathematics also teaches reasoning and proof techniques that apply to real world mathematics, such as coding, cryptography, and logistics. Students will develop the ability to apply these techniques and acquire a sense of utility and value of mathematics beyond the classroom.

B. SCIENCE

Change of graduation requirements to read as follows:

Students are required to earn three (3.0) science credits to meet the graduation requirements. Students must take at least one trimester in each of the following areas of science: Physical Science, Life Science, and Earth Science.

Physical Science Courses

Environmental Science A
 Chemistry
 Honors Chemistry
 Forensics Science A
 Physics
 AP Physics
 AP Chemistry

Life Science

Biology
 Human Anatomy and Physiology
 Forensics Science B
 AP Biology

Earth Science Courses

Environmental Science B
 Astronomy
 Earth Science
 Geology

Course description change for the following courses:

- **Environmental Science A**
1 Trimester • 0.5 Credit
Course #: 7052-2
Prerequisite: None
This course is the first section of a two-trimester science course for all ninth grade students. Environmental Science A is an integrated course that focuses primarily on physical science concepts, their relationship to the environment and how understanding of the concepts can help humans make informed decisions. Topics will include energy transfer, structure and properties of matter, and chemical reactions.
- **Environmental Science B**
1 Trimester • 0.5 Credit
Course #: 7052-3
Prerequisite: None
This course is the second section of a two-trimester science course for all ninth grade students. Environmental Science B is an integrated course that focuses primarily on Earth Science concepts, their relationship to the environment, and how understanding the concepts can help humans make informed decisions. Topics will include weather and climate, Earth's systems, and human sustainability.

Add 4th-Related Mathematics credit to the following science courses:

- **Chemistry**
- **Physics**
- **Honors Chemistry**
- **AP Chemistry**
- **AP Physics**

C. SOCIAL STUDIES

Add the following new course offering:

- **Women's Studies**
1 Trimester • 0.5 Credit
Course #: 8064-1
Prerequisite: None
Students will explore the history and social impact of women throughout American history along with investigations to women around the world. The course will delve into laws regarding women, the suffrage movement, significant women in history and modern times, waves of the feminist movement, and the impact of women on society. The course interweaves history, law, economics, sociology, psychology, government, political policy, culture, anthropology and international relations through the common thread of women past and present.

Add the following course as fulfillment of the Economics credit required for graduation

- **Personal Financial Literacy**
 1 Trimester • 0.5 Credit
 Course #: 5054-1
 Economics Credit
 Prerequisite: Geometry B
 This course is designed to help students make responsible financial choices through financial literacy. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Topics include creating and using a personal budget, understanding credit, personal loans, cost of independent living, being an intelligent consumer through vehicle purchasing and insurance, and understanding taxes.

III. EDUCATION FOR THE ARTS (EFA)

Title change for the following course:

- **Modern/Jazz Dance Studio**

Change to:

- **Beginning Dance Studio**

Delete the following course offerings:

- **Metal and Jewelry Art**
- **Studio Art Weekend**
- **Digital Storytelling Online Web-Based**
- **Digital Graphic Art**
- **Digital Film Art**
- **Advanced Dance Company**
- **Music Studio I**
- **Advanced Music Studio**

IV. EDUCATION FOR EMPLOYMENT (EFE)

Delete the following course offerings:

- **Registered Apprenticeship**
- **Theatre Technology**

Add the following new course offerings:

- **Mechatronics**
 [MAC] 4th Related Math
 [MAC] 3rd Science
 3 Trimesters • 1.5 Credits
 Course #: 2549-789
 Prerequisite: None
 Grades: 10, 11, 12
 Site: Vicksburg High School
 Scheduling Note: Class runs on Vicksburg High School bell schedule, students must provide own transportation.
 Electronics and mechanical components work together to make up complex systems from a car to a robot to automation lines. This course allows students to design, build, program, and troubleshoot a variety of systems using the principles of mechanics, electronics, and computer science. Students will learn about hydraulics/pneumatics, CAD/CAM, basic machining, and CNC.

- **AP Computer Science Principles**
 [MAC] 4th Related Math
 [MAC] 3rd Science
 3 Trimesters • 1.5 credits
 Course #: 1594-789
 Prerequisite: None
 Grades: 10, 11, 12
 Site: Vicksburg High School
 Scheduling Note: Students must provide own transportation.
 AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing. Students who earn a qualifying score on the AP exam at the end of the course are typically eligible, in college, to receive credit, placement into advanced courses or both.

Title change for the following course:

- Furniture and Cabinet Making

Change to:

- **Engineering in Wood Technology**

Course description change for the following course:

- **Dental Assisting**
 [MAC] 3rd Science
 3 Trimesters (2 periods) • 3 Credits
 Course #: 2555-789
 Prerequisite: Students must meet minimum requirements defined in the KVCC Health packet (SAT scores, completion of physical, proof of immunizations, and successfully drug screen and live Scan fingerprinting.)
 Grade: 12
 Site: KVCC Texas Township Campus and local dental offices
 Students will be dually enrolled through KVCC having the opportunity to earn both high school and KVCC credit.
 Dental Assisting I teaches the basic background knowledge and skills needed for an entry-level dental assistant. The dental assisting student is introduced to the importance of a variety of delegated tasks including infection control, medical history assessment, and four-handed dentistry for restorative and surgical procedures. On an opposing day, students will be enrolled in Safety and First Aid where they will learn the practical aspects of first aid and cardiopulmonary resuscitation. Second semester students continue to build on the previously learned skills while developing competency in advanced skills needed for servicing patients along with an introduction to office management and patient scheduling. Dental Imaging and Techniques includes a series of x-ray demonstrations and laboratory practice sessions for dental diagnostic purposes and radiographic charting procedures. Cognitive knowledge includes radiobiological effects and radiation protection. Students conclude second semester on a supervised on-the-job learning experience designed to provide students the opportunity to apply dental assisting competencies in a dental office environment.

Course description change for the following course:

- Emergency Medical Technology (EMT)**
 [MAC] 3rd Science
 3 Trimesters (2 periods) • 3 Credits
 Course #: 2558-789
 Prerequisite: Students must meet minimum requirements defined in the KVCC Health packet (SAT scores, completion of physical, proof of immunizations, and successful drug screen and live Scan fingerprinting.)
 Grade: 12
 Site: KVCC Culinary/Allied Health Building
 Students in this class are dually enrolled having the opportunity to earn both high school and 10 KVCC college credits.
 Students begin the course by studying the topics and learning the skills necessary to make life saving interventions and stabilizing patients in an out of hospital environment while awaiting the arrival of more advanced care. Next, students focus on assessing both medical and traumatic patients and treating any condition that interferes with airway, breathing, and circulation, including some drug therapy. The EMT clinical experience concludes the experience by providing students with the opportunity to encounter the care of patients not only at the scene of an emergency, but during the transport and transfer of patients to higher levels of care. This clinical experience requires that EMTs serve as an EMS team member during emergency care for 10 patients utilizing a combination of Advanced Life Support and Emergency Room clinical time. Successful students are eligible for Michigan Department of Health and Human Services licensing as an MFR and also eligible for licensing as an EMT Basic.

Course description change for the following course:

- Introduction to Information Technology (I.T.)**
 1 Trimester – 0.5 credit
 Course #: 2578-4
 Grades: 9,10,11,12
 Prerequisite: None
 Site: Loy Norrix High School
 Scheduling note: Course repeats each trimester.
 This is an entry level course designed to introduce students to basic computing principles. It covers basic IT literacy and ensures the student understands the different terminologies and various concepts involved In the IT industry. The course serves as a great starting point to learning more about computers and is designed to be the first step to pursuing CompTIA A+ or other certifications. Topics covered include hardware basics, troubleshooting, software installation, networking, programming, and security. Eligible certifications include CompTIA's IT Fundamentals.

Course title and description change for Introduction to Cybersecurity to:

- **Info Tech: Information Technology I**
3 Trimesters – 1.5 credits
 Course # 2538-789
 Prerequisite: None
 Grades: 10, 11, 12
 Site: Loy Norrix High School
 Students enrolled in this course will be exposed to numerous Information Technology specialty areas. First year students will choose one of the following career paths to focus on for the year.
 - Info Tech: PC Technician**
 This path provides a thorough overview of what it means to work as a Tier 1 technician for an I.T. department. Students will learn about hardware, Windows and Linux operating systems, printers, scripting, networking, security and troubleshooting.
 - Info Tech: Cisco Networking**
 This is a comprehensive introduction to the networking field and in-depth exposure to fundamental networking, LAN switching, wireless LANs, basic routing, Cybersecurity, WAN concepts, VPNs, QoS, virtualization, and network automation.

Course title and description change for Cybersecurity to:

- **Info Tech: Information Technology II**
 1-3 Trimesters (Second year students will be in class with year 1 students)
 Course#:2579-456
 Prerequisite: Info Tech: Information Technology I
 Grades: 11, 12
 Site: Loy Norrix High School
 Students returning for second year will dive deeper into opportunities, work semi-independently and focus on one or more of following areas of IT.
 - Info Tech: Cybersecurity**
 Students will explore the world of cybersecurity. Topics include an introduction/refresher into Python coding, Linux, and IoT devices. Students will then dive into ethical hacking. (Ethics will be heavily enforced.) Students will become aware of network attack strategies and common countermeasures.
 - InfoTech: Servers**
 The course is designed to prove mastery of the skills required to administer Windows Server, including installation and implementation of storage solutions, networking, IP address management, and advanced infrastructure.
 - InfoTech: Linux**
 Linux is everything from cars and smartphones to servers and supercomputers, as a vast number of enterprises use Linux in cloud, cybersecurity, mobile and web administration applications.
 - InfoTech: Cloud**
 This course is conditional upon current applications with Microsoft and Amazon partnerships. Students will learn what the cloud is and how it works, differentiate between cloud computing and deployment models, and describe the basic global infrastructure of the cloud.

V. EARLY MIDDLE COLLEGE (EMC)

Program description change for the following programs:

Business Administration – The study of business administration refers to all aspects of managing and operating a business organization. It is a broad field of study covering basic principles related to the area of business, such as accounting, economics, finance, management, and marketing.

Computer Information Systems – Computer information systems is the study of the application of computers in a business environment with an emphasis on the analysis and design of business information systems. This program differs from computer science in that it focuses more on the application of software programs rather than their design.

Criminal Justice – Criminal Justice is the study of the system through which crimes and criminals are identified, apprehended, judged, and punished.

Elementary Education – The study of elementary education covers knowledge of basic skills in order to teach language arts, mathematics, sciences, and social studies, preparing the student for teacher certification in grades K-8.

Social Work – Social work is a broadly defined profession encompassing many different kinds of professionals who all serve people in need. The International Federation of Social Workers calls social work “an interrelated system of values, theory and practice.” Social workers are unique in the way that they look at many different aspects of a problem, from the individual to the societal, from the psychological to the political. Common ways of serving clients include providing counseling, therapy, and education, as well as connecting clients to appropriate public or private resources.

Studio Art – This degree program is designed to be a transfer option for a Bachelor of Fine Arts, Bachelor of Arts, or Bachelor of Science in art education. A Bachelor of Fine Arts program in visual art and design focuses on intensive work in the visual arts supported by a program of general studies, whereas the Bachelor of Arts is broader with less studio art time required.

Associate of Science (AS) Options Updates

Biological Sciences – The study of biological science is the study of all living organisms including anatomy, genetics, microbiology, and physiology. This degree program is designed to transfer to a bachelor’s degree with a major in any biology related field.

Computer Science – Computer scientists design and develop the software programs that IT professionals use and maintain. Computer science emphasizes the software aspects both in theory and application rather than the physical construction of computers (hardware aspects). The computer science program includes core courses in programming, systems, algorithms, databases, web technologies, and software product development.

Engineering – Engineering is the use of science and mathematics to design or make things. Engineers work in the innovation, design, construction, operation, and

maintenance of structures, machines, materials, devices, systems, processes, and organizations.

Associate of Applied Science (AAS) Options Updates

Add the following new programs:

Emergency Medical Services – 69 credits - Emergency medical technicians and paramedics are trained to perform critical emergency medical intervention for both the traumatically injured and the acutely ill patient.

General Marketing – 62 credits - This program develops abilities and skills focusing on the marketing functions of a business. It includes a foundation in business as well as internet marketing while providing exposure to differing marketing aspects such as promotions and sales. The program provides the flexibility to allow a student to tailor the program for entry-level retail management, customer service management, and sales positions.

Certificate of Achievement (COA) Options Updates

Delete the following program:

Autodesk Inventor

Auto Computer-Aided Design (CAD)

Add the following new program:

Emergency Medical Technology-Basic – 10 credits – This program prepares the student to work in the out-of-hospital setting as an entry level Emergency Medical Technician. Emphasis is placed on mastery of CPR, simple pharmacology for common medical emergencies, patient assessment, bandaging and splinting, vehicle extrication, and emergency childbirth. All credits in this program apply directly toward the emergency medical services AAS degree programs.

Course description change:

Office Support Specialist – change to 23 credits