KCSD
Kenton County School District | *It's about ALL kids.*

THE KENTON COUNTY BOARD OF EDUCATION
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Dr. Henry Webb, Superintendent of Schools

KCSD ISSUE PAPER

DATE:
6-23-20

AGENDA ITEM (ACTION ITEM):
Consider/Approve 1 to 1 Technology Implementation plan for KCSD participating schools to include the amendment of district SBDM allocation formula to reduce section 7 funds to participating schools by $32 per child.

APPLICABLE BOARD POLICY:
01.11 General Powers and Duties of the Board

HISTORY/BACKGROUND:
KCSD is a district of excellence and is committed to becoming World Class. COVID-19 forced all districts to revisit instruction and innovation and consider innovative methods to enhance teaching and learning. Additionally, a recent district survey indicated that we already have over 9,000 devices in our district. However, the need to have a systemic approach to providing technology and training for students and staff is essential to meet the instructional needs of our current reality, but more importantly, to increase the level of instruction in all KCSD classrooms. The corresponding presentation outlines the program and funding for the program. All of our 17 schools have committed to participating in the 1 to 1 program for their kids.

FISCAL/BUDGETARY IMPACT:
Approximately $500,000 District Funds, Approximately $500,000 School Funds (District Section 7) and approximately $100,000 Student Fees. These should be maximum numbers as the funding is outlined in the presentation.

RECOMMENDATION:
Approval of 1 to 1 Technology Implementation plan for KCSD participating schools to include the amendment of district SBDM allocation formula to reduce section 7 funds to participating schools by $32 per child.

CONTACT PERSON:
Henry Webb

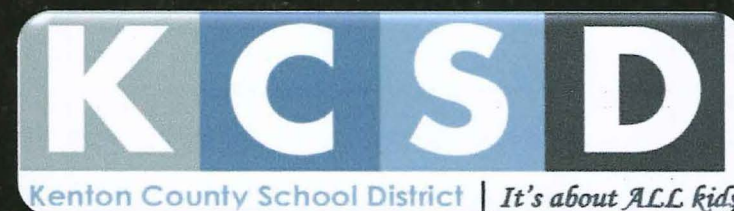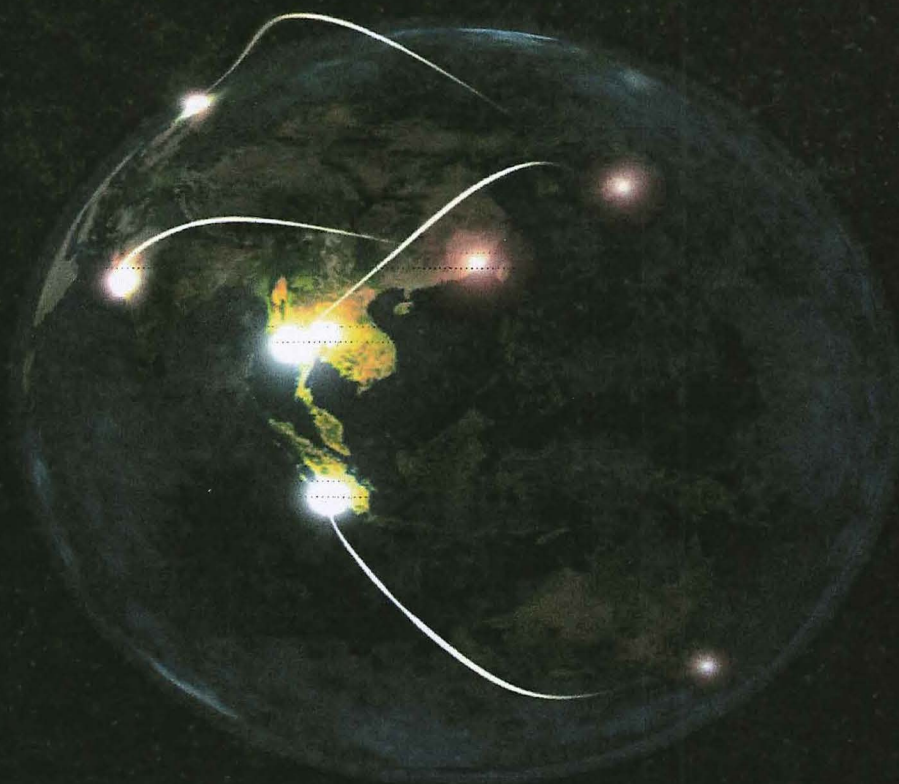|		
Principal	*District Administrator*	*Superintendent*

KCSD
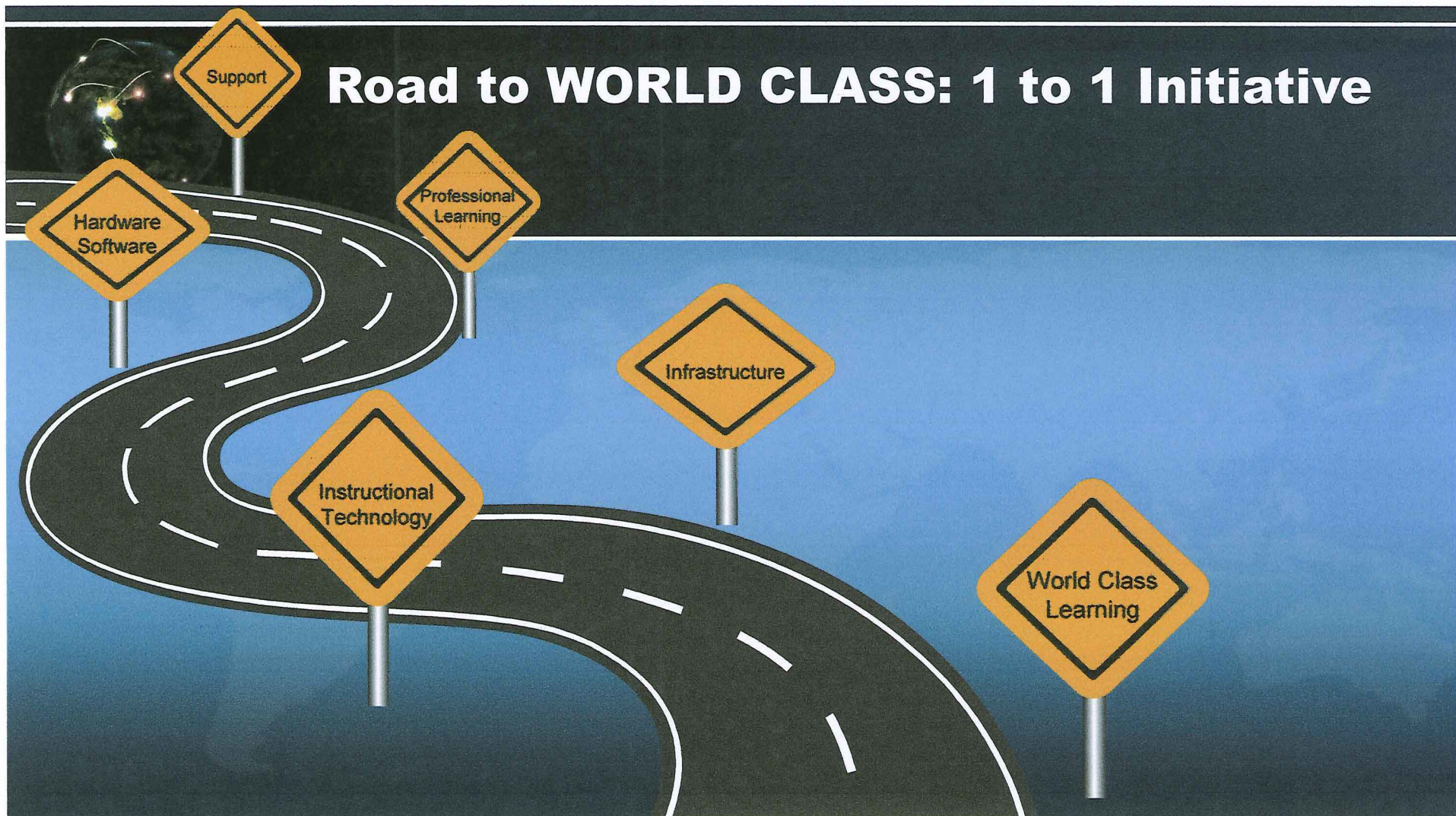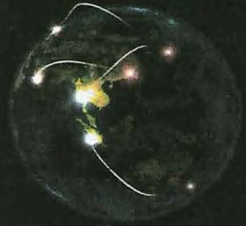Kenton County School District | It's about ALL kids

WORLD CLASS

"Re-Imagining Teaching and Learning for Students
FUTURE READY"

TEAM KENTON
It's About ALL Kids!

Road to WORLD CLASS: 1 to 1 Initiative

1 to 1 Thoughts for Consideration

- A 1:1 initiative would allow easy access to technology and best prepare our students for the 21st century.
- True student and teacher ownership would create a sense of responsibility and desire for professional development and excitement to integrate technology within the classroom and at home on a consistent basis.
- All the time access to technology – "everywhere learning": THIS IS CRITICAL IN THE CURRENT STATE WE ARE IN!
- 1:1 initiative will provide teachers and students with a valuable means for assessment on a formative and summative basis.
- The need to schedule computer lab time or waste unnecessary time using a mobile cart model is removed.
- This could allow the phasing out expensive textbook purchases. Digital Content
- Daily printing costs and photocopying, resulting in high paper usage would be substantially reduced.
- Enhanced student and teacher collaboration
- Enhanced Teacher/Teacher collaboration
- Increased student engagement, accountability, and creativity

World Class Learning

Redefinition
Tech allows for the creation of new tasks, previously inconceivable

Modification
Tech allows for significant task redesign

Augmentation
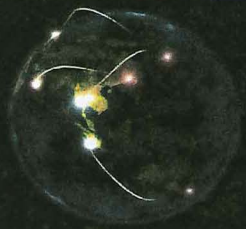Tech acts as a direct tool substitute, with functional improvement

Substitution
Tech acts as a direct tool substitute, with no functional change

Transformation

Enhancement

Image the creation of Dr. Ruben Puentedura, Ph.D. http://www.hippasus.com/rrpweblog/

Systemic Growth Process: Staff/Students

- BUILDING COMPETENCIES: PROVIDING OPPORTUNITIES FOR PRACTICE (High Quality Professional Learning Opportunities)
- FOSTERING GROWTH MINDSET: TECHNOLOGY-BASED PROGRAM TO FUEL STUDENT ACHIEVEMENT/Exploration/Future Readiness
- LEVERAGING THE POWER OF NETWORKS: CULTIVATING CONNECTIONS BETWEEN SCHOOLS, COMMUNITY INSTITUTIONS and Worldwide Opportunities
- Potential Instructional Technology Topics:
  - Google Classroom
  - Digital Content-Digital Driver's License
  - Digital Tools to enhance instruction
  - SAMR Model
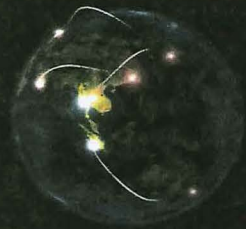
DIGITAL USE DIVIDE

Future Ready ensures equity and access for all kids: However, this alone will not transform learning. We must also close the digital use divide by ensuring all students understand how to use technology as a tool to engage in creative, productive, life-long learning rather than simply consuming passive content.

Support

Building Coaching Model:

- District to provide world class professional development with utilizing technology to enhance learning
- Train the trainer with building Technology Leads/STLP
- Leadership Training for to support/guide world class instruction utilizing instructional technology
- District Tech Support
- School Level Student Tech Teams
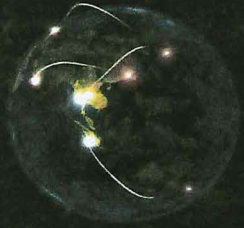
Future Ready 1 to 1 Initiative Implementation

- Implementation will be at grades: 1, 6 and 9 annually to ensure systemic implementation
- This model ensures the following:
    - Effective, systemic professional development for teachers/staff
    - By year 2 with current district inventory most schools will be 1 to 1
    - This model is fiscally efficient

Future Ready Implementation

SCHOOL	District Devices per June 2020 Survey	2021 School Year Projected Enrollment (1-12)	% of Device Per Student	
Beechgrove	100	556		18%
Caywood	400	427		94%
FT Wright	426	426		100%
Kenton	389	495		79%
Piner	215	253		85%
RC Hinsdale	300	478		63%
River Ridge	400	729		55%
Ryland	375	411		91%
Taylor Mill	290	438		66%
Whites Tower	450	562		80%
TOTAL	3345	4775		70%
Summit View	894	1278		70%
Turkey Foot	654	1093		60%
Twenhofel	300	878		34%
Woodland	180	688		26%
TOTAL	1134	2659		43%
Dixie	220	1483		15%
Scott	800	1061		75%
SK	600	1785		34%
TOTAL	1620	4329		37%
GRAND TOTAL	6099	11763		52%

Current Reality

SCHOOL	District Devices per June 2020 Survey	2021 School Year Projected Enrollment (1-12)	% of Device Per Student	Year 1 Implementation	% of Device Per Student	Year 2 Implementation	% of Device Per Student
Beechgrove	100	556	18%	133	42%	133	66%
Caywood	400	427	94%	85	114%	85	133%
FT Wright	426	426	100%	94	122%	94	144%
Kenton	389	495	79%	110	101%	110	123%
Piner	215	253	85%	49	104%	49	124%
RC Hinsdale	300	478	63%	103	84%	103	106%
River Ridge	400	729	55%	166	78%	166	100%
Ryland	375	411	91%	76	110%	76	128%
Taylor Mill	290	438	66%	85	86%	85	105%
Whites Tower	450	562	80%	140	105%	140	130%
TOTAL	3345	4775	70%	1041	92%	1041	114%
Summit View	894	1278	70%	215	87%	215	104%
Turkey Foot	654	1093	60%	369	94%	369	127%
Twenhofel	300	878	34%	280	66%	280	98%
Woodland	180	688	26%	226	59%	226	92%
TOTAL	1134	2659	43%	875	76%	875	108%
Dixie	220	1483	15%	392	41%	392	68%
Scott	800	1061	75%	259	100%	259	124%
SK	600	1785	34%	458	59%	458	85%
TOTAL	1620	4329	37%	1109	63%	1109	89%
GRAND TOTAL	6099	11763	52%	3025	78%	3025	103%
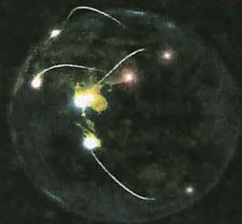
Future Ready: Estimated Annual Cost

	Grade Level Implementation	Staff/Student Devices (2.5% Contingency/Replacement/Loaner)	Chromebook 11 G8 Intel 4/32 part # 1A762UT#ABA + (3 year Depot w/ ADP UQ996E)	TOTAL ANNUAL COST
Year 1 - 2021	1st-6th-9th	3176	$293.00	$930,568.00
Year 2 - 2022	1st-6th-9th	3176	$293.00	$930,568.00
Year 3 - 2023	1st-6th-9th	3176	$293.00	$930,568.00
Year 4 - 2024	1st-6th-9th	3176	$293.00	$930,568.00
		Total # of Teachers: 1, 6,9 (809 Total Teachers/12=68 per grade level	Touch Screen	
		214	$350.00	$74,900.00
			TOTAL	$1,005,468.00
		Current prices are estimates until quotes have been acquired		
*LMS (Google)	*5% Built in Replacement			

Future Ready: Model for annual payment

FUNDING	Grade Level Implementation	Fee	Total		
District	1st-6th-9th	$293.00	$466,342.00		
School	1st-6th-9th	32 per total student enrollment-Section 7 ($650,000 spent on devices by schools in 2020)	$450,176.00		
Student	1779	$50.00	$88,950.00		
		Grand Total	$1,005,468.00		

SCHOOL	Section 7 Cost Per School	Section 7 Money Left Per School	SBDM (Carryover 2020) as of 6/11/20	4 Year Avg Spent on Computers/related equipment (0734)- Does not count devices purchased from other funds	Diff From Request Annually (Actual Cost to School)
Beechgrove	$ 21,152	$ 1,983	$ 1,356.34	$ 18,408.75	$ 2,743.25
Caywood	$ 16,448	$ 1,542	$ 7,112.68	$ 10,063.75	$ 6,384.25
FT Wright	$ 16,224	$ 1,521	$ 17,140.96	$ 11,332.50	$ 4,891.50
Kenton	$ 18,720	$ 1,755	$ 32,907.55	$ 5,108.75	$ 13,611.25
Piner	$ 9,600	$ 900	$ 13,832.97	$ 2,239.50	$ 7,360.50
RC Hinsdale	$ 18,336	$ 1,719	$ 59,999.73	$ 8,821.75	$ 9,514.25
River Ridge	$ 28,192	$ 2,643	$ 29,536.53	$ 14,385.25	$ 13,806.75
Ryland	$ 15,584	$ 1,461	$ 19,963.56	$ 5,377.50	$ 10,206.50
Taylor Mill	$ 16,672	$ 1,563	$ 18,908.19	$ 7,309.75	$ 9,362.25
Whites Tower	$ 21,056	$ 1,974	$132,864.21	$ 19,877.75	$ 1,178.25
TOTAL					
Summit View	$ 22,464	$ 2,106	$ 19,583.07	$ 32,558.75	$ (10,094.75)
Turkey Foot	$ 34,976	$ 3,279	$113,000.06	$ 30,919.25	$ 4,056.75
Twenhofel	$ 28,096	$ 2,634	$ 7,389.19	$ 25,191.25	$ 2,904.75
Woodland	$ 22,016	$ 2,064	$ 18,654.31	$ 18,883.50	$ 3,132.50
TOTAL					
Dixie	$ 47,456	$ 4,449	$ 50,639.40	$ 28,015.75	$ 19,440.25
Scott	$ 33,952	$ 3,183	$ 7,498.86	$ 41,680.00	$ (7,728.00)
SK	$ 57,120	$ 5,355	$101,011.82	$ 41,987.50	$ 15,132.50
TOTAL					

Future Ready: Schools Financial Commitment
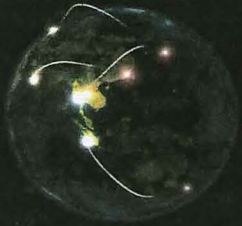
Questions? Comments?

KCSD
FUTURE READY

Reference List

U.S. Department of Education (2017). Reimagining the Role of Technology in Education: 2017 National Education Technology Plan