The following item will be discussed at the meeting of the Standing Committee on Teaching, Learning and Student Supports to be held on Thursday, July 19, 2018 at 3:30 p.m. in the Esther Howland Chamber in City Hall.

gb #8-201 - Administration (June 11, 2018)

To consider approval of the following courses:

- Business Technology Seminar
- Database Administration
- Spreadsheet Development
- Technical Theater and Design
- Introduction to Life Sciences

Committee Members
Brian A. O'Connell, Chairman
John F. Monfredo, Vice-Chairman
Molly O. McCullough

Administrative Representative Susan O'Neil, Ph.D.

OFFICE OF THE CLERK OF THE SCHOOL COMMITTEE WORCESTER PUBLIC SCHOOLS 20 IRVING STREET WORCESTER, MA 01609

AGENDA #4

The Standing Committee on TEACHING, LEARNING AND STUDENT SUPPORTS will hold a meeting:

on: Thursday July 19, 2018

at: 3:30 p.m.

in: Esther Howland Chamber, City Hall

ORDER OF BUSINESS

- I. <u>CALL TO ORDER</u>
- II. ROLL CALL
- III. GENERAL BUSINESS

gb #2-139 - Mr. O'Connell/Mr. Monfredo/Ms. Colorio (April 11, 2012)

To consider development of a partnership with the Boston Debate League to support academic debate teams in high schools in Worcester.

gb #4-175 - Ms. Novick/Mr. Monfredo/Mr. Foley/Mr. O'Connell (May 28, 2014)

To consider the possible benefits and drawbacks of later secondary school start times on teaching and learning.

gb #4-259 - Mr. O'Connell/Mr. Foley/Mr. Monfredo/Miss Biancheria (September 17, 2014)

To initiate a course in Mandarin Chinese at the Advanced Placement level, offered either in a customary classroom setting or through Virtual High School.

gb #5-328 - Administration (November 24, 2015)

To consider the Coordinated Program Review (CPR).

ROS #6-3 - Administration (March 9, 2016)

THE OPIATE EPIDEMIC: IMPACT ON THE WORCESTER COMMUNITY

gb #6-28.1 - Administration/Ms. Colorio/Mr. O'Connell/Mr. Monfredo/ Miss Biancheria (February 17, 2016)

Response of the Administration to the request to provide a list of assessments that were administered to kindergarten students for the 2015-16 academic year.

gb #6-37 - Mr. O'Connell/Mr. Monfredo/Ms. Colorio/Miss McCullough (January 11, 2016)

To address the incidents of violent and aggressive behavior on the part of students toward teachers, administrators and other staff members in school, including staff development training in responses to student aggression, and consideration of appropriate policies and practices to curtail such incidents.

gb #6-260.1 - Administration/Miss Biancheria/Mr. O'Connell/Ms. Colorio/Mr. Monfredo (November 1, 2016)

Response of the Administration to the request to provide a report indicating by individual school its designated level (I, II, III, IV or V) and outline ways in which these levels can be improved.

gb #6-264 - Mr. O'Connell/Mr. Foley/Mr. Monfredo/Ms. Colorio/Miss McCullough/Miss Biancheria (July 6, 2016)

To consider opportunities to enhance the education of the academically gifted students of the Worcester Public Schools, at all appropriate levels.

gb #6-270 - Mr. Monfredo/Mr. O'Connell/Ms. Colorio/Miss McCullough/Miss Biancheria (July 22, 2016)

Request that the Administration provide a report on the summer school programs to include:

- -academic progress
- -attendance
- -community involvement
- -engagement of colleges in summer activities
- -number of ELL students
- -number of grade 1 and 2 students

and suggest improvements for next year.

gb #7-2 - Mr. O'Connell/Mr. Foley/Mr. Monfredo/Miss McCullough (December 16, 2016)

To review the 2016 Successor Settlement Agreement between the United States of America and the Worcester Public Schools, and to determine the financial costs of implementing it in full, for use in preparation of the fiscal year 2018 Budget.

gb #7-4 - Mr. O'Connell/Mr. Foley/Ms. Colorio/Mr. Monfredo/Miss McCullough (December 16, 2016)

To urge the individual Worcester public schools, and departments, to review and expand their websites, as a means of (1) increasing the information available through them, (2) showcasing student work and achievements, (3) sharing detailed curricular and programmatic information, and (4) assisting prospective students and parents in making informed decisions as to selection of an appropriate school.

ROS #7-6 - Administration (March 20, 2017)

UPDATE ON THE AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) SYSTEM IN THE WORCESTER PUBLIC SCHOOLS

ROS #7-9 - Administration (May 10, 2017)

INNOVATION SCHOOL END OF CYCLE REPORT

gb #7-23 - Mr. O'Connell/Ms. Colorio/Mr. Monfredo/Miss McCullough/Miss Biancheria (January 3, 2017)

To consider making an online grading system available to all teachers for the 2017-18 academic and fiscal year.

gb #7-59 - Mr. O'Connell/Mr. Monfredo/Miss Colorio/Miss Biancheria/Miss McCullough (February 6, 2017)

To reestablish the PEAK ("Providing Enrichment for Able Kids") Program in the Worcester Public Schools.

gb #7-127 - Mr. O'Connell/Ms. Colorio/Mr. Monfredo/Miss Biancheria (March 21, 2017)

To consider establishing a literary magazine for the Worcester Public Schools, to publish the writings, paintings, drawings, and other creative work of WPS students, teachers and other staff members.

gb #7-201 - Mr. O'Connell (May 8, 2017)

To implement the new Chinese Language and Culture Advanced Placement course in the Worcester public secondary schools as soon as a sufficient number of students have completed all prerequisites required to enable them to take the course.

gb #7-207 - Mr. O'Connell/Miss Biancheria (May 17, 2017)

To discuss with appropriate members of the staff of Elm Park Community School the possible conversion of the school into an autonomous Horace Mann Charter School.

gb #7-275 - Mr. O'Connell/Mr. Monfredo/Miss Biancheria/Mr. Foley (July 25, 2017)

To consider participating in the Harvard University's <u>Teacher Fellows Program</u>, with placement of Fellows in the Worcester high schools.

gb #7-282 - Administration (August 2, 2017)

To approve the proposed 2018-19, 2019-20 and the 2020-21 School Calendars.

gb #7-285 - Miss McCullough/Mr. Monfredo/Miss Biancheria/Ms. Colorio/Mr. O'Connell (August 7, 2017)

To explore options and policies regarding work assigned and performed at home on snow days in an effort not to extend the school year.

gb #7-322 - Mr. Monfredo/Mr. O'Connell/Miss Biancheria/Ms. Colorio (September 25, 2017)

Request that the Administration consider developing a student program to instruct secondary students about food allergies and anaphylactic risks.

gb #7-333 - Ms. Colorio/Mr. Monfredo/Mr. O'Connell/Miss Biancheria (September 27, 2017)

Request that the Administration consider establishing a confidential student drug and alcohol hotline and indicate how it would be implemented in the schools.

gb #7-367 - Miss Biancheria/Miss McCullough/Ms. Colorio/Mr. O'Connell/Mr. Monfredo (October 24, 2017)

Request that the Administration provide a report on the UNITEY Program at North High School that involves civic engagement and internships for students.

gb #8-29 - Mr. Monfredo/Mr. O'Connell/Miss Biancheria/Mr. Comparetto/Miss McCullough (January 16, 2018)

To engage in a comprehensive plan in an effort to have children read on grade level by the end of grade three.

gb #8-42 - Miss Biancheria/Mr. Monfredo/Mr. O'Connell/Mr. Comparetto/Miss McCullough (January 23, 2018)

Request that the Administration study the feasibility of involving students in community service projects at the Senior Center.

gb #8-43 - Mayor Petty/Mr. Foley/Mr. Monfredo/Mr. O'Connell/Miss Biancheria/Mr. Comparetto/Miss McCullough (January 24, 2018)

Request that the Superintendent create an updated Health and Wellness Curriculum for middle and high school students.

gb #8-55 - Miss McCullough/Mr. O'Connell/Mr. Monfredo/Mr. Comparetto/Miss Biancheria (February 3, 2018)

Request that the Administration provide a progress report on the Hanover Academy at Burncoat Middle School.

gb #8-59 - Mr. Comparetto/Mr. O'Connell/Mr. Monfredo (February 7, 2018)

To consider a review of a publication entitled <u>Teaching Hard History: American</u> Slavery from the Southern Poverty Law Center.

gb #8-94 - Mr. Monfredo/Miss McCullough/Mr. O'Connell (March 2, 2018)

Request that the Administration consider expanding the <u>Worcester: Future Teachers Program</u> in conjunction with Worcester State University in an effort to recruit the best and brightest students.

gb #8-97 - Mr. Comparetto/Miss McCullough/Mr. Monfredo/Mr. O'Connell (March 7, 2018)

Request that the Administration provide a report on school libraries.

<u>gb #8-107 - Mr. O'Connell/Miss Biancheria/Mr. Comparetto/Miss McCullough/Mr. Monfredo (March 16, 2018)</u>

To request that the administration review the January 2018 Policy Statement of the Department of Elementary and Secondary Education "Alternative Structured Learning Day Programs" and that it recommend to the School Committee whether any such programs should be implemented in the Worcester Public Schools for 2019-20.

gb #8-139 - Mr. Comparetto/Mr. Foley/Miss McCullough/Mr. Monfredo/Mr. O'Connell (April 18, 2018)

Request that the Administration provide a report regarding all Early Childhood Programs in the Worcester Public Schools.

<u>gb #8-161 - Mr. Comparetto/Mr. Foley/Miss McCullough/Mr. Monfredo/Mr.</u> O'Connell (May 9, 2018)

Request that the Administration study the feasibility of developing partnerships with Recreation Worcester and other municipal or non-municipal organizations in order to create more team sports in Worcester's middle schools.

gb #8-162 - Mr. Comparetto/Mr. Foley/Miss McCullough/Mr. Monfredo/Mr. O'Connell (May 9, 2018)

To consider a review of a report entitled <u>Extracurricular Participation and Course Performance in the Middle Grades: A Study of Low-Income, Urban Youth</u> by Kate Schwartz.

gb #8-163 - Mr. Comparetto/Mr. Foley/Miss McCullough/Mr. Monfredo/Mr. O'Connell (May 9, 2018)

Request that the Administration provide a report regarding the process of bringing together various private and public groups to develop middle school athletic programing as highlighted in the Worcester Magazine's article entitled The Case For Middle School Sports:Can City Hoops Spark a Rebound?

gb #8-164 - Miss Biancheria/Miss McCullough/Mr. Monfredo/Mr. O'Connell (May 9, 2018)

Request that the Administration provide a report on the JROTC programs and include ways to actively promote interest at the middle school level for high school participation in this program.

gb #8-200 - Mr. O'Connell/Miss Biancheria/Mr. Comparetto/Mr. Foley/Miss McCullough/Mr. Monfredo/Mayor Petty (June 11, 2018)

To review the new Science Curriculum.

gb #8-201 - Administration (June 11, 2018)

To consider approval of the following courses:

- Business Technology Seminar
- Database Administration
- Spreadsheet Development
- Technical Theater and Design
- Introduction to Life Sciences

motion (gb #7-148.2) Mr. O'Connell (June 15, 2017)

Request that the report of the actual grants be referred to the Standing Committee on Teaching, Learning and Student Supports for a review of the grants and the programs operated under the grants.

motion (gb #7-220) Miss Biancheria (June 1, 2017)

Request that the approved Admission Policy for Worcester Technical High School be referred to the Standing Committee on Teaching, Learning and Student Supports.

motion (ros #7-14) Miss Biancheria, Ms. Colorio

Request that the Administration provide a breakdown of the backup by sections as follows:

- -Elementary Education
- -Secondary Education
- -Curriculum and Professional Learning
- -Instructional and Digital Learning

motion (gb #8-123.2) Mr. O'Connell (June 21, 2018)

Request that pages 237-265 from the Budget Book regarding the Various Grant Programs be referred to the Standing Committee on Teaching, Learning and Student Supports for further discussion.

IV. ADJOURNMENT

Helen A. Friel, Ed.D. Clerk of the School Committee

ITEM: gb #8-201

STANDING COMMITTEE: TEACHING, LEARNING AND STUDENT SUPPORTS

DATE OF MEETING: Thursday, July 19, 2018

ITEM: Administration (June 11, 2018)

To consider approval of the following courses:

- Business Technology Seminar
- Database Administration
- Spreadsheet Development
- Technical Theater and Design
- Introduction to Life Sciences

PRIOR ACTION:

6-21-18 - Referred to the Standing Committee on Teaching, Learning and Student Supports.

BACKUP:

- Annex A (1 page) contains a copy of the <u>Business Technology Seminar</u> course request form.
- Annex B (1 page) contains a copy of the <u>Database Administration</u> course request form.
- Annex C (1 page) contains a copy of the <u>Spreadsheet Development</u> course request form.
- Annex D (2 page) contains a copy of the <u>Technical Theater and Design</u> course request form.
- Annex E (1 page) contains a copy of the <u>Introduction to Life Sciences</u> course request form.

${\bf WORCESTER\ PUBLIC\ SCHOOLS-NEW\ COURSE\ REQUEST\ FORm}$

Date of Request:	4/27/1	Reques	ting School/ Office:	North High School						
Proposed Course	Name:	Business Technology Seminar	Required Prere	Required Prerequisite Course/s:						
。第2章 第2章 第4章 第4章 第4章 第4章 第4章 第4章 第4章 第4章 第4章 第4		at apply) X College	Proposed Co	dal apply () = 1 1 1	G.P.A. Honor Ro Yes No Yes No X X					
Proposed Course Business Technolog		Selectione nent Core Core Course Elective X	Is proposed cou Ves. No.	rse a Career/Vocatio (rye Chapter 74 X	nal Technical Course checkom research Non-Chapter 74					
and Website Designation courses to apply the level course, contents	gn. Stud neir kno ent will	ption: In this capstone co dents will utilize skills ac wledge to the creation of be covered at an accelera nore independent coursey	quired in their Fresh business plans to stated pace. Students w	man, Sophomore, and their own busines ill study topics at a	nd Junior Chapter 74 sses. As an honors					
Essential question How do you go abou		he course: g your own business?								
Standards addres Business Technolog		he course: 2, Frameworks 2.C. and 2.0	G, including all standa	rds under these frame	works.					
for college and car in computational, s	eer. Ma cientific	d comprehensive course s assCore is also the vehicle c, visual, creative, and cri a of new areas of knowled	through which high tical thinking and ca	school students car n engage opportunit	gain competence					
	course w	port the readiness of stu hich is aligned with the fra ess Technology.	_		t career and college					
,	Γ	-	For Office U	se Only						
Please Note:	mosts	Approved Da	te:							
All New Course Req must come through		S.C. Item Number								
school principal		Assigned Course Number Dept. Cod		****						
		Subject Area Code Number								
		Subject Area Cours	se:							
		Zip Code Numbe	er:							

WORCESTER PUBLIC SCHOOLS - NEW COURSE REQUEST FORM

Date of Request: 4/27/1	8 Re	questing School	I/ Office:	North High School						
Proposed Course Name:	Database Administr	ration Requ	ired Prereq	uisite Course/s:	(THIS COURS	E- SR YR				
Proposed C	ourse Level	Pr	oposed Co	urse Credit	G.P.A. Honor I					
Checkall (hal apply)	Tel .	(check all th	at apply)	Yes No	Yes No				
A.P. Honors	X College	1.0	. 5	× 25						
	Select one	Is pro	Is proposed course a Career/Vocational Te							
Proposed Course Depart	阿尔尔斯 丁斯特斯	Manager Total Company (1997年)		THE RESIDENCE OF THE PARTY OF T	res check one)	作品的				
	. Course Elect	TOTAL TRANSPORT	No -	Chapter 74	Non-Cha	pter 74				
Business Technology	X	X		Х						
this course. As an honors at a deeper level and will Essential question/s for the How do we use database inf	be expected to comp the course:	lete more indep	endent cou	ırsework and assi	gnments.					
Standards addressed in Business Technology Strand	the course:									
MassCore is a rigorous an for college and career. M in computational, scientifi application and exploration	assCore is also the ve c, visual, creative, ar	ehicle through v nd critical thinki	vhich high ing and car	school students ca	an gain compo	etence				
How does this course sup	port the readiness	of students for	college an	d career?						
This is a Chapter 74 course v		he frameworks es	tablished by	y the DOE to suppo	ort career and co	ollege				

Please Note:
All New Course Requests
must come through the
school principal.

For Office Use Only							
Approved Date:							
S.C. Item Number:							
Assigned Course Number:							
Dept. Code:							
Subject Area Code Number:							
Subject Area Course:							
Zip Code Number:							

WORCESTER PUBLIC SCHOOLS – NEW COURSE REQUEST FORM

Date of Request: 4/27/1	18 Requesting	g Schoo	I/ Office:	North High School	ol						
Proposed Course Name:	Spreadsheet Development	Requ	ired Prerec	quisite Course/s:	5						
Proposed C	ourse Level	Pr	oposed Co	urse Credit	G.I	P.A.	Honor Ro				
A.P. Honors	The same and the same	maxim market and	Greek all th	at apply) 25	Yes	No	Yes No				
Proposed Course Depart	Select one ment Core Core Course Elective	Is proposed course a Career/Vocational Technical Cours (if yes check one) Yes No Chapter 74 Non-Chapter 74									
Business Technology	Х	Х		Х							
spreadsheet features such integration. Students will certification during this c	matting of spreadsheets, insen as filters, simple and completed the second complete and complete prepare for MOS Certificate course. As an honors level cost at a deeper level and will be	ex form ion in E urse, co	ulas, nami xcel, and l ntent will l	ng ranges, function have the opportuni be covered at an ac	ns, auto ty to te ecelerat	omationst for ted pa	on, and				
	ts to communicate efficiently ar	nd effecti	vely in our	business communic	ations?						
Standards addressed in Business Technology Strand	the course: d 2, Framework 2.I, including a	ll standa	rds under tl	nis framework.	ž.						
for college and career. M in computational, scientif application and exploration	nd comprehensive course studiessCore is also the vehicle thic, visual, creative, and critic on of new areas of knowledge	al think al think and ex	which high ing and car periences.	school students can engage opportun	an gain	comp	etence				
-	pport the readiness of stude which is aligned with the frame ness Technology.				rt caree	r and o	college				
70		F	or Office Us	se Only							
Please Note: All New Course Requests	Approved Date: S.C. Item Number:										
must come through the	Assigned Course Number:										
school principal.	Dept. Code:				,						
	Subject Area Code Number: Subject Area Course:	-									
	Zip Code Number:	-									

WORCESTER PUBLIC SCHOOLS - NEW COURSE REQUEST FORM

Date of Request:	6/13/18		Requesting 8	School/ Office:	Burncoat High	
*((Technical Theater and Design		Required Prereq Course/s:	quisite	N/A
					-	

Proposed	Proposed Course Credit					G.I	P.A.	Honor Roll				
(check	all that apply			W. 17 W.	(check all t	nat apj	oly)	y I	Yes	No	Yes	No
A.P. Honor	S x	Colleg	•	1.0	.5	х	.25	11	х		х	
Select one				is proposed course a Career/Vocational Technical Course								ırse
Proposed Course Department		Core Core					100	(If yes	s check one)			
		Course	Elective	(es	No		Chapter 74		N	on-Ch	apter 7	4
Theater			X		х							

Proposed Course Description: In the course, students will develop and build specific artistic skills within the technical theater. Students will learn hands on how to design for live theatre. Students will be exposed to the basics of all areas and then be allowed to specialize in a focus area of their choosing: costume/makeup/hair design, lighting design, stage management, sound/special effects design, scenic design/artistry. As an honors level course, content will be covered at an accelerated pace. Students will study topics at a deeper level and will be expected to complete more independent coursework and assignments.

Essential question/s for the course:

- 1. What is the role of a theater technician?
- 2. What are the technical aspects of theater?
- 3. What does it mean to be a responsible theater technician?
- 4. How can theater technology enhance the aesthetic responses of observers of dramatic productions?
- 5. What career opportunities are available for theater technicians?
- 6. How can changes in theater technology affect aspects of theater productions?

Standards addressed in the course:

- 4.11 Participate as a member of a technical crew or a management team for a study in mainstage production
- 4.12 Conduct research to inform the design of sets, costumes, sound, and lighting for a dramatic production.

For example, students select a play from a particular historical period, genre, or style and conduct research using reference materials such as books, periodicals, museum collections, and the Internet to find appropriate examples of hairstyles, furnishing, decorative accessories, and clothing

- 4.13 Demonstrate an understanding of the interrelationship between the technical aspects of production and the on-stage performers
- 4.14 Apply technical knowledge of safety procedures and practices in the theatre environment

WORCESTER PUBLIC SCHOOLS - NEW COURSE REQUEST FORM

4.17 Apply technical knowledge of safety procedures and practices in the use of theater equipment, tools, and raw materials understanding of the interrelationship between the technical aspects of production and the onstage performers

MassCore is a rigorous and comprehensive course study recommended by the Commonwealth as preparation for college and career. MassCore is also the vehicle through which high school students can gain competence in computational, scientific, visual, creative, and critical thinking and can engage opportunities for "hands-on" application and exploration of new areas of knowledge and experiences.

How does this course support the readiness of students for college and career?

Technical Theater and Design will provide an opportunity for Burncoat High School to teach the state's technical theater curriculum allowing our students to be well versed in all aspects of Theater Arts. The basic knowledge of technical elements that the students will have as a result of this course will allow them to work professionally in the theater community as well as be well-rounded theater practitioners for a college program.

Please Note:
All New Course Requests
must come through the
school principal.

	For Office Use Only
Approved Date:	
S.C. Item Number:	
Assigned Course Number:	
Dept. Code:	ſ
Subject Area Code Number:	
Subject Area Course:	
Zip Code Number:	

WORCESTER PUBLIC SCHOOLS – NEW COURSE REQUEST FORM

Proposed Course Na		oduction to ences	Life Life	Re	quire	ed Prere	quisit	te Cou	rse/s:	N/A				
Propos	ed Course	Level	4.18	N 10	Prop	osed Co	ourse	Credi		G.	P.A.	Hon	or Roll	
tern time time at the time to	ck all that apply		75	(check all that apply) Yes							No	Yes	No	
A.P. Hor	iors:	College	e X	1,0	X	.5			X		Х			
		Selec	t one	Is proposed course a Career/Vocational Technical Course										
Proposed Course Department		Core	Core							If yes check one)				
		Course	Elective	Yes		No	14.1	Chap	er 74	N	lon-Cr	apter	74	
Science		Х				X								
What are living thing Standards addresse LS1. From Molecules LS2. Ecosystems: Inter	gs and how d in the co to Organism	do they course:	res and Proce	esses										
LS3. Heredity: Inherita			•											
LS4. Biological Evolu	tion: Unity a	ınd Divers	ity											
MassCore is a rigoro for college and carec in computational, sci application and explosion does this cours	r. MassCo entific, vist eration of n	re is also nal, creati ew areas	the vehicle ve, and crit of knowled	througical thinge and	h wh nkin expe	ich hig g and ca griences	h sch an en	ool stu gage o	idents o	an gain	com	petend	æ	
Students will gain an un						-				ınderstar	nding.			
Please Note:					For	Office U	Jse Or	ıly						
All New Course Reque	ests	•	pproved Date											
must come through th	ne		Item Numbei urse Numbei											
school principal.	A	ooigneu eu	Dept. Code											
	Sub	ject Area (Code Number											
)		Subject	Area Course	٠.										

Zip Code Number: