

**WEST ORANGE BOARD OF EDUCATION
Public Board Meeting - 8:00 p.m. – June 3, 2013
West Orange High School
51 Conforti Avenue**

Final Agenda

I. ROLL CALL OF THE MEMBERS AND PLEDGE OF ALLEGIANCE

II. NOTICE OF MEETING:

Please take notice that adequate notice of this meeting has been provided in the following manner:

- A. That a written notice was sent from the Office of the Secretary of the Board at 4:00 p.m. on January 10, 2013.
- B. That said notice was sent by regular mail to the West Orange Township Clerk and the Editors of the West Orange Chronicle and the Star-Ledger.
- C. That said notice was posted in the lobby of the Administration Building of the Board of Education.

III. CONSIDERATION OF THE CLOSED AND PUBLIC MEETING MINUTES OF May 20, 2013 (Att. #1)

IV. QUESTIONS FROM THE PUBLIC ON AGENDA ITEMS

V. SUPERINTENDENT'S AND/OR BOARD'S REPORTS

- A. Recognition of Lenajah Roberts, WOHS Rights of Persons with Disabilities
- B. Recognition of WOHS AP Students
- C. The China Exchange Student Presentation
- D. Council of PTA's Car Raffle for Project Graduation

VI. REPORTS, DISCUSSIONS, AND RECOMMENDATIONS

A. PERSONNEL

1. Resignations

a.) Superintendent recommends approval of the following resignation(s):

Frances Faust, Lunch Aide, Gregory School, for

retirement purposes, effective 6/20/13

Helen Treece, Lunch Aide, Gregory School, effective 6/20/13

2. Appointments

a.) Superintendent recommends the reappointment of non-tenured and tenured non-certified staff for the 2013-2014 school year (Att. #2)

b.) Superintendent recommends the non-renewal of non-certified non-tenured staff for the 2013-2014 school year as stipulated in closed session

c.) Superintendent recommends approval of the following appointment(s) at the appropriate contractual rates:

Colleen Craffey, Grade 1 Teacher, Gregory School, maternity leave replacement, BA-1, \$252.50 per diem, effective 9/3/13-6/19/14 (replacement)

Danielle Simon, Speech Therapist, Redwood School, MA-10, \$67,996, effective 9/1/13 (replacement)

Thomas Bamber, Grade 1 Teacher, Mt. Pleasant School, maternity leave replacement, BA-1, \$252.20 per diem, effective 9/3/13-12/31/13 (replacement)

Karen Lee, Biology Teacher, WOHS, MA-3, \$54,832, effective 9/3/13-6/30/14 (additional)

James McComick, Biology Teacher, WOHS, MA+32-8, \$67,727, effective 9/3/13-6/30/14 (additional)

Anita Trajkovska, Earth Science Teacher, WOHS, BA-1, \$50,440, effective 9/3/13-6/30/14 (additional)

Juliana Anselmini, Special Education Language Arts Teacher, Roosevelt School, maternity leave replacement, MA-1, \$269.30 per diem, effective 9/3/13-1/20/14 (replacement)

Extended School Year Program Staff, 6/26/13-8/8/13, as follows:

- Laura Mitsaelides, Speech Therapist, Liberty School, \$55/hour
- Rosemary Boyle, Instructional Assistant, Liberty School, \$23/hour
- Kim Williams, Instructional Assistant, Liberty School, \$23/hour

Co-Curricular/Schedule D/Team Leader Appointments, for the 2013-2014 school year as per the attached (Att. #3)

- **WOHS**
- **Roosevelt School (rescind prior appointments of 5/20/13 meeting)**
- **Liberty School (rescind prior appointments of 5/20/13 meeting)**

Instructional Assistants to provide support services for students to attend Roosevelt School field trip to the Bronx Zoo, 1.5 hours, \$23/hour, for a total of \$34.50 per instructional assistant:

- **Mavis Brown**
- **Nicholas Alfano**

Staff to provide home instruction on an “as needed” basis for the 2012-2013 school year (Att. #4)

Additions to the 2012-2013 Substitute List as per the attached (Att. #5)

3. Leave(s) of Absence

- a.) Superintendent recommends approval of the following leave(s) of absence:**

Valentina Magro Gabriele, Grade 1 Teacher, Pleasantdale School, maternity leave of absence, effective 9/1/13-12/31/13

Megan Kiczek, English Teacher, WOHS, maternity leave of absence, effective 9/16/13-2/14/14

Michelle Iftode, Learning Consultant, WOHS, maternity leave of absence, effective 9/3/13-12/31/13

4. Superintendent recommends approval of District transfers for the 2013-2014 school year as per the attached (Att. #6)

5. Superintendent recommends approval of lateral movements on salary guide for course completion, as per WOECA contract, effective retroactive to 1/2/13 as stipulated

B. CURRICULUM AND INSTRUCTION

1. Recommend approval of new course proposal as endorsed by the Curriculum Council for implementation in 2013-2014: (Att. #7)

- **Advanced Placement Calculus BC**

2. Recommend approval of the following Field Trip requests for the 2012-2013 school year:

<u>Group</u>	<u>Destination</u>
WOHS Aware (25 students)	I Play America
Washington School (Grade 1)	Gregory School

C. FINANCE

1. Recommend approval of the 6/3/13 Bills List: (Att. #8)

Payroll/Benefits	\$ 5,790,283.85
Transportation	\$ 8,720.73
Special Ed. Tuition	\$ 251,494.10
Instruction	\$ 54,812.35
Facilities	\$ 189,995.69
Capital Outlay	\$ 106,108.93
Grants	\$ 169,286.64
Food Service	\$ 68,118.30
Textbooks/Supplies/Athletics/Misc.	<u>\$ 73,785.68</u>
	<u>\$ 6,712,606.27</u>

2. Recommend approval of tuition for the 2012-2013 School Year Out-Of-District Placements as per the attached (Att. #9)

3. Recommend approval of tuition for the 2013-2014 School Year, including Extended School Year, Out-Of-District Placements as per the attached (Att. #10)

4. Recommend approval of continuation of service agreement for software support for the 2013-2014 school year with Contour Data Corporation in the amount of \$9,710

5. Recommend approval of resolution that the West Orange Board of Education approve the contract addendum with Sodexo Management Inc. for the period 7/1/13-6/30/14, and that we, the district, pay a management fee to Sodexo in an amount equal to \$253,755.42 for the 2013-2014 contract year. Be it further resolved that Sodexo guarantee that the West Orange School District shall receive an annual return of \$50,000 for the 2013-2014 school year.

6. Recommend approval to dispose of obsolete and unrepairable Utility Truck via Apache Auto Wreckers, \$200 salvage/no towing expenses

7. Acceptance of School Bus Emergency Evacuation Drill Reports (Att.

#11)

D. REPORTS

1. The Board of Education recognizes receipt of the HIB report through 6/3/13

VII. REPORT FROM THE BOARD PRESIDENT AND/OR BOARD MEMBERS

- VIII. MOTION FOR THE NEXT BOARD MEETING to be held at 6:00 p.m. on June 17, 2013 at West Orange High School.**

IX. PETITIONS AND HEARINGS OF CITIZENS

X. ADJOURNMENT

West Orange High School

Public Agenda
Date: 6/3/13
Attachment # 3

To: Mr. James O'Neill, Superintendent
Dr. Donna Rando, Assistant Superintendent
Mrs. Fran Neceskas, Director of Human Resources

From: Mr. Hayden N. Moore, Principal
Mr. Arthur Alloggiamento, Interim Assistant Principal

Date: May 22, 2013

Below please find our co-curricular recommendations for the 2013-2014 school year. Would you kindly have these recommendations approved at the next board meeting. Mr. Louis Quagliato is sending his Fine Arts recommendations under separate cover.

Thank you for your assistance.

<u>Co-Curricular Stipend</u>	<u>Recommended Advisor</u>	<u>Total Amount of Stipend</u>
Anime Club	Anthony Prasa	1396
Art Club	Jennifer Kitchen	1396
Audio Visual Aide Club	Kirk Roberts	4817
AVID Coordinator	Frank Iannucci	4113
Boys' Step Team	William Farley	3603
Chess Club	Ara Berberian	1396
Chinese Club/Chinese Honor Society	SPLIT	2087
	Yajing Li (\$1,043.50) Yun Abernathy (\$1,043.50)	
Drama Club	Sandra VanDyke	1396
Drill Team	William Farley	3603
Escriptus, National English Honor Society	SPLIT	1396
	Molly Wachtel (\$698.) Tynia Thomassie (\$698.)	
ESL Club	Raquel Feliciano	1396
Fight for Green (1.75)	SPLIT	2443
	Sonia Lauren (\$1,221.50) Stephanie Suriano (\$1,221.50)	
French Club/French Honor Society	Dana Peart	2087
Freshman Class Advisor	SPLIT	2087
	Stephan Zichella (\$1,043.50) Arielle Samra (\$1,043.50)	
Frisbee	Jonathan Tick	1396
Future Business Leaders of America (FBLA)	SPLIT	1396
	Anne Hanson (\$698) Deborah Sharkey (\$698)	
GSA	Stephen Simon	1396
Interact Service Club	Lori Bollotta	1396
Italian Club/Italian Honor Society	SPLIT	2087
	Vincenza Amabile(\$1,043.50) Rosanna Zamloot (\$1,043.50)	
Junior Class Advisor	SPLIT	4118
	Lauren Feehan(\$2,059) Michelle Morais (\$2,059)	

Junior State of America Club	SPLIT Julie Brady (\$698) Joseph Perna (\$698)	1396
Literary Magazine (Cobblestone)	Katie Baran	1396
Math Honor Society (Mu Alpha Theta)	Cristina Gonzalez	1396
Math Team	SPLIT Lynne Steinberg (\$1043.50) Jonathan Tick (\$1043.50)	2087
Mock Trial	Anthony Edelstein	1396
Model UN	Rachel Ostanski	1396
Tri M - Music Honor Society	Lisa Swanick	1396
National Art Honor Society	Heather Young	1396
National Honor Society	SPLIT Jessica Tybursky(\$698) Anna McDonald (\$698)	1396
Newspaper (Pioneer)	TBA	3435
Photography Club	SPLIT Deborah Cohen (\$698) Peter Ficuciello (\$698)	1396
Project Adventure Coordinator	SPLIT Keith Appello (\$698) Danielle Tracy(\$698)	1396
Robotics Coordinator	TBA	4118
Science National Honor Society	SPLIT Ronald Brandt (\$698) Sonia Laurenì (\$698)	1396
Senior Class Advisor	SPLIT Gina Paradiso (\$2059.00) Kimberly Alfano (\$2059.00)	4118
Science Team Advisor	SPLIT Mickey Schultz (\$835) Ronald Brandt (\$313) Tagen Jacobus (\$313) Sonia Laurenì (\$313) Peter Ficuciello (\$313)	2087
Screenwriters Society	William Bradley	2087
Sign Language Club (non-stipend this year)	Mary Ann McGonigle	0
Sophomore Class Advisor	SPLIT Allan Norville (\$1043.50) Heather Yates (\$1043.50)	2087
Spanish Club/Spanish Honor Society	Carlos Perez	2087
Student Council	SPLIT Jodie Costanza (\$1605.66) Krista Romanyshyn (\$1605.66) Heather Young (\$1605.67)	4817
Unity Club	David Sehr	1396
Yearbook	Megan Kiczek	4118
Middle States (2)	Frank Iannucci	2087
	Jennifer Ryden	2087
*Skills USA	Cheryl Dunlap	1396
*Technology Student Association	Deborah Cohen	1396
*FCCLA	SPLIT Cynthia Critelli (\$698) Dora Wong-Macias (\$698)	1396

*These three clubs will be paid for with Perkins Grant funds

**ROOSEVELT MIDDLE SCHOOL
MEMORANDUM**

DATE: May 15, 2013

TO: James O'Neill, Superintendent of Schools
Frank Necesskas, Director of Human Resources
Dr. Donna Rando, Assistant Superintendent of Schools

FROM: Lionel O. Hush, Principal, RMS

SUBJECT: Schedule D. Positions for 2013-2014

Please note I am approving the following staff members for appointment to Schedule D positions. Letters requesting these positions have been submitted:

7 th Grade Team Leaders (2)- Tracy Gordon, Lauren Santimauro	\$2,683.00
8 th Grade Team Leaders (2)- Diane Varela, Marie Silvestri	\$2,683.00
Related Arts Team Leader Janis Oliver	\$2,683.00
Student Council Advisors - Diane Varela, Marie Silvestri - Co-Advisors	\$2,683.00
Explorers Club - Diane Varela, Marie Silvestri - Co-Advisors	\$1,396.00
Yearbook Advisor - Kelly McSharry, Advisor	\$2,086.00
Junior Interact/Service Club- Tracy Gordon, Kim Cerutti – Co-Advisors	\$1,396.00
Spring Musical Drama Director -Ursula McGee	\$2,683.00
Art & Literary Magazine Janis Oliver	\$1,396.00
Honor Band (Select Strings) -Craig Stanton	\$1,396.00
Stage Band Advisor (Jazz Band)- Roger Bryson	\$1,396.00
Select Chorus - Vacant	\$1,396.00
Academically Speaking - Rebecca Giacopelli	\$2,683.00
Audio-Visual Coordinator Ken Darcy	\$2,683.00
Art Club Peggy Geher	\$2,086.00
Conflict Resolution/Peer Mediation - Vacant	\$1,396.00
Unity Club Ursula McGee	\$1,396.00
Totally Tech. - Kelly McSharry	\$1,396.00
Math Club Jenn Cataldo, Lisa Dally	\$1,396.00
 <u>Coaching Positions</u> -	
Girl's Soccer - Jackie Marx	\$4,817.00
Boy's Soccer - Telmo Nunes	\$4,817.00
Boy's Basketball - Derek Smith	\$4,817.00
Girl's Basketball - Marge Theobald	\$4,817.00
Wrestling Ken Darcy	\$4,817.00
Co-Ed – Cross Country Ken Darcy	\$4,817.00
Baseball Joe Perna	\$4,817.00
Softball Vacant	\$4,817.00
Track Ken Darcy, Rebecca Giacopelli – Co-Advisors	\$ 35.00 per hour
Cheerleading Fall - Jaclyn Morgan	\$4,817.00
Cheerleading Winter - Kim Carissimo	\$4,817.00

LOH/jt

C: R. Bligh
J. Bello

LIBERTY SCHOOL

2013-2014 Schedule D Assignments

Club	Advisor	Stipend
Academically Speaking	Lisa Touzeau	\$2683
Audio Visual Aides	Vince DeJesus	\$2683
Chamber Chorus	John Hellyer	\$1396
Choreographer (Drama)	Patricia Richardson	\$1341
Conflict Resolution	Valerie Gino	\$1396
Dramatics (Director)	John Hellyer	\$2683
Dramatics Set Design/Construction	Vince DeJesus	\$1341
Jazz Band/Select Strings	David Rimelis	\$1396
Math Club	Shrina Patel	\$1396
Newspaper Club	Jaime Neyburger	\$2086
Science Club	Dianne Cardinali	\$1396
Service Club Junior Interact	Jane Horwitz	\$1396
Student Council	Susan Zaccaro	\$2683
Totally Tech	Anne Tempesta	\$1396
Unity Club	TBD	\$1396
Yearbook	Melissa Martino/Anne Tempesta	\$2086 total

Team Leaders (\$2683 each Team Leader)

7th grade:

Nancy Silva

Kimberly DeMeo

8th grade:

Melissa Martino

Susan Zaccaro

Related Arts:

TBD

Coaches

Boys Soccer – Mike Bridge

Girls Soccer – Valerie Gino

Cross Country – David Alfano

Boys Basketball – Mike Bridge

Girls Basketball – Candice Brennan

Baseball –Chris Todd

Softball – Villalobos

Cheerleading – TBD

Wrestling – TBD

WEST ORANGE PUBLIC SCHOOLS
DEPARTMENT OF STUDENT SUPPORT SERVICES

179 Eagle Rock Avenue • West Orange • New Jersey • 07052
Telephone: 973-669-5400 Ext. 20539
Fax: 973-669-8601

MS. CONSTANCE SALIMBENO, DIRECTOR

MS. KRISTIN GOGERTY, SUPERVISOR, PRESCHOOL, K – 8

MRS. DAWN RIBEIRO, SUPERVISOR, 9-12

MEMORANDUM

DATE: May 23, 2013
TO: Mr. James O'Neill, Interim Superintendent
FROM: Constance Salimbeno, Director
Student Support Services
SUBJECT: Agenda Item
Approval of Home Instruction for Certified Teaching Staff

Recommend approval for the attached list of staff to provide home Instruction, on an "as needed" basis, for the 2012-2013 school year.

CS: idg

C: Denise Keastead, Payroll Dept.
Mark Kenney

Applicants to provide Home Instruction - 2012-2013

District Employees

<u>Name</u>	<u>Where Employed</u>	<u>Certifications</u>
Yates, Heather	WOHS	HQT: English
Pantalena, Peter	WOHS/RMS	Speech Language Specialist
Waldron, Kathleen	Redwood	HQT: Special Education

Substitute for 2012-2013

June 3, 2013

Pending completion of paperwork

Name	Substitute Type
DeMarco, Mallory	Teacher
Markouris, Argie	Teacher
Aly Ahmed, Nafisa	Admin. Asst.
Shaw, Megan	Teacher

HUMAN RESOURCES DEPARTMENT

**EMPLOYEE TRANSFERS/REASSIGNMENTS
 FOR THE 2013-2014 SCHOOL YEAR**

Administrative recommendations for all transfers/reassignments must be reported to Human Resources Department using the form below. The Human Resources Department will notify Mr. O'Neill and submit a final listing of transfers for Board approval.

All transfer information will be used to update and maintain the following:

1. Systems 3000 Visual Personnel Database
2. AESOP
3. Building Directories
4. Payroll Department
5. Email accounts
6. Phone extensions

Employee Being Transferred	From		To		Effective Date of Transfer
	Location	Grade/Subject	Location	Grade/Subject	
Alston, Albert	Edison	Mathematics	Roosevelt	Mathematics	9/3/2013
Bryant, Quanda	Edison	Language Arts	Gregory	Elementary	9/3/2013
Coen, Debra	Roosevelt	Tech Ed.	WOHS	Tech Ed.	9/3/2013
D'Andrea, Rachel	Liberty	Language Arts	St. Cloud	Elementary	9/3/2013
Graham, Lori	Liberty	F&CS	WOHS	F&CS	9/3/2013
Ille, Bryan	Liberty	Health & Phys Ed	WOHS	Health & Phys Ed	9/3/2013
Jacob, John	WOHS	Health & Phys Ed	Liberty	Health & Phys Ed	9/3/2013
Madla-Flores, Jennifer	Liberty	Language Arts	TBD	TBD	9/3/2013
Mazurek, Jeffrey	Roosevelt	Health & Phys Ed	WOHS	Health & Phys Ed	9/3/2013
McEntee, Amy	Roosevelt	Language Arts	Edison	Language Arts	9/3/2013
McGee, Ursula	Roosevelt	Language Arts	Edison	Language Arts	9/3/2013
Miller, Larry	WOHS	Mathematics	Liberty	Spec. Ed. Mathematics	9/3/2013
Mitterman, Marissa	St. Cloud	Elementary	Washington	Library Media	9/3/2013
Montalbano, Kristen	Gregory	LLD	Hazel	Resource Room	9/3/2013
Nolan, Kenneth	Edison	Mathematics	Liberty	Mathematics	9/3/2013
Ortiz, Sharon	Roosevelt	F&CS	WOHS	F&CS	9/3/2013
Shahadi, Christine	Hazel	Resource Room	Gregory	Resource Room	9/3/2013
Vitale, Anthony	WOHS	Physical Education	Roosevelt	Physical Education	9/3/2013

*The Public Schools
West Orange, New Jersey*

Public Agenda
Date: 6/3/13
Attachment # 7

To: Mr. James O'Neill, Superintendent
From: Donna Rando, Ed.D., Assistant Superintendent *DR*
Date: May 23, 2013
Re: New Course Proposal

At the May 9, 2013 Curriculum Council meeting, Advanced Placement Calculus BC was endorsed by the Curriculum Council for implementation in 2013-2014, pending Board of Education approval.

The College Board notified West Orange that based on 2011-2012 PSAT results, our minority and female student population has been identified as students who could potentially achieve success in Advanced Placement Calculus BC. Currently, West Orange High School offers Advanced Placement Calculus AB, and the district received a grant from College Board to implement the Advanced Placement Calculus BC course.

In addition, this course will increase the number of Advanced Placement courses offered at West Orange High School. Furthermore, Advanced Placement Calculus BC is an additional math course that promotes a higher level of thinking, and provides connections to science and engineering per the Science, Technology, Engineering, and Mathematics (STEM) initiative.

Upon Board approval, Advanced Placement Calculus BC will be offered at West Orange High School in September, 2013.

Thank you.

C: Mr. M. Kenney

Revised 10/11

The Public Schools
West Orange, New Jersey

<i>For Use of Curriculum Office</i>	
Date Proposal Submitted:	
To Office of Curriculum:	_____ 5/3/13
To Curriculum Council:	_____ 5/9/13
To Superintendent:	_____ 5/22/13
To Board of Education:	_____ 6/3/13

New Course Proposal

I. Proposed Course Information

A. Proposed Course AP Calculus BC _____

B. Sponsor of the Proposal Frank Iannucci / Young Kim _____

C. Department(s) or Area(s) Mathematics _____

D. Projected Date of Implementation September 2013 _____

E. Grade(s) 11 & 12 _____

F. Level (s) Advanced Placement _____

(Regular, Special Education, Honors, Advanced Placement)

G. This course is:

A revision of _____

A course to replace _____

A new course for juniors & seniors _____

H. This course is: _____ Required _____ Elective _____ Full Year _____ Semester

_____ Other (Specify) _____

I. Intended Pre-requisite/Co- requisite: Pre-Requisite of Honors Pre-Calculus

II. Overview: Describe the nature of the new course in terms of the following:

A. Course Objectives:

- Students will be able to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal, and understand the connections among these representations.
- Students will be able to understand the meaning of the derivative in terms of a rate of change and local linear approximation, and should be able to use derivatives to solve a variety of problems.
- Students will understand the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change, and should be able to use integrals to solve a variety of problems.
- Students will be able to understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus.
- Students will be able to communicate mathematics and explain solutions to problems both verbally and in written sentences.
- Students will be able to model a written description of a physical situation with a function, a differential equation, or an integral.
- Students will be able to determine the convergence or divergence of a series.

- Students will be able to use implicit differentiation to solve problems with vectors, polar equations, and parametric equations.
- Students will be able to use technology to help solve problems, experiment, interpret results, and support conclusions.
- Students will be able to determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement.
- Students will be able to develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment.

B. Common Core Standards/Core Curriculum Content Standards:

F-IF.A.1 Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. If f is a function and x is an element of its domain, then $f(x)$ denotes the output of f corresponding to the input x . The graph of f is the graph of the equation $y = f(x)$.

F-IF.A.2 Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context.

F-IF.A.3 Recognize that sequences are functions, sometimes defined recursively, whose domain is a subset of the integers. For example, the Fibonacci sequence is defined recursively by $f(0) = f(1) = 1$, $f(n+1) = f(n) + f(n-1)$ for $n \geq 1$

F-IF.B.4 For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Key features include: intercepts; intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity.

F-IF.B.5 Relate the domain of a function to its graph and, where applicable, to the quantitative relationship it describes. For example, if the function $h(n)$ gives the number of person-hours it takes to assemble n engines in a factory, then the positive integers would be an appropriate domain for the function.

F-IF.B.6 Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. Estimate the rate of change from a graph.

F-IF.C.7 Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more complicated cases.

F-IF.C.8 Write a function defined by an expression in different but equivalent forms to reveal and explain different properties of the function.

F-IF.C.9 Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions). For example, given a graph of one quadratic function and an algebraic expression for another, say which has the larger maximum.

F-BF.A.1 Write a function that describes a relationship between two quantities.

F-BF.A.2 Write arithmetic and geometric sequences both recursively and with an explicit formula, use them to model situations, and translate between the two forms.

F-BF.B.3 Identify the effect on the graph of replacing $f(x)$ by $f(x) + k$, $k f(x)$, $f(kx)$, and $f(x + k)$ for specific values of k (both positive and negative); find the value of k given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology. Include recognizing even and odd functions from their graphs and algebraic expressions for them.

F-BF.B.4 Find inverse functions.

F-BF.B.5 (+) Understand the inverse relationship between exponents and logarithms and use this relationship to solve problems involving logarithms and exponents.

F-LE.A.1 Distinguish between situations that can be modeled with linear functions and with exponential functions.

F-LE.A.2 Construct linear and exponential functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table).

F-LE.A.3 Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.

F-LE.A.4 For exponential models, express as a logarithm the solution to $ab^t = d$ where a , c , and d are numbers and the base b is 2, 10, or e ; evaluate the logarithm using technology.

F-LE.B.5 Interpret the parameters in a linear or exponential function in terms of a context.

G-GPE.B.4 Use coordinates to prove simple geometric theorems algebraically. For example, prove or disprove that a figure defined by four given points in the coordinate plane is a rectangle; prove or disprove that the point $(1, \sqrt{3})$ lies on the circle centered at the origin and containing the point $(0, 2)$.

G-GPE.B.5 Prove the slope criteria for parallel and perpendicular lines and use them to solve geometric problems (e.g., find the equation of a line parallel or perpendicular to a given line that passes through a given point).

G-GPE.B.6 Find the point on a directed line segment between two given points that partitions the segment in a given ratio.

G-GPE.B.7 Use coordinates to compute perimeters of polygons and areas of triangles and rectangles, e.g., using the distance formula.

G-C.B.5 Derive using similarity the fact that the length of the arc intercepted by an angle is proportional to the radius, and define the radian measure of the angle as the constant of proportionality; derive the formula for the area of a sector.

G-GMD.A.1 Give an informal argument for the formulas for the circumference of a circle, area of a circle, volume of a cylinder, pyramid, and cone. Use dissection arguments, Cavalieri's principle, and informal limit arguments.

G-GMD.A.3 Use volume formulas for cylinders, pyramids, cones, and spheres to solve problems.

N-CN.B.4 (+) Represent complex numbers on the complex plane in rectangular and polar form (including real and imaginary numbers), and explain why the rectangular and polar forms of a given complex number represent the same number.

N-CN.B.5 (+) Represent addition, subtraction, multiplication, and conjugation of complex numbers geometrically on the complex plane; use properties of this representation for computation. For example, $(-1 + \sqrt{3}i)^3 = 8$ because $(-1 + \sqrt{3}i)$ has modulus 2 and argument 120° .

N-VM.B.4 (+) Add and subtract vectors.

N-VM.B.5 (+) Multiply a vector by a scalar.

N-VM.C.6 (+) Use matrices to represent and manipulate data, e.g., to represent payoffs or incidence relationships in a network.

N-VM.C.7 (+) Multiply matrices by scalars to produce new matrices, e.g., as when all of the payoffs in a game are doubled.

N-VM.C.8 (+) Add, subtract, and multiply matrices of appropriate dimensions.

N-VM.C.9 (+) Understand that, unlike multiplication of numbers, matrix multiplication for square matrices is not a commutative operation, but still satisfies the associative and distributive properties.

N-VM.C.10 (+) Understand that the zero and identity matrices play a role in matrix addition and multiplication similar to the role of 0 and 1 in the real numbers. The determinant of a square matrix is nonzero if and only if the matrix has a multiplicative inverse.

N-VM.C.11 (+) Multiply a vector (regarded as a matrix with one column) by a matrix of suitable dimensions to produce another vector. Work with matrices as transformations of vectors.

N-VM.C.12 (+) Work with 2×2 matrices as a transformations of the plane, and interpret the absolute value of the determinant in terms of area.

C. 21st Century Life and Careers Standards:

Standard 9.1: All students will demonstrate the creative, critical thinking, collaboration, and problem-solving skills needed to function successfully as both global citizens and workers in diverse ethnic and organizational cultures.

Standard 9.2: All students will develop skills and strategies that promote personal and financial responsibility related to financial planning, savings, investment, and charitable giving in the global economy.

D. Technology Standards:

Standard 8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.12.A.1 Construct a spreadsheet, enter data, and use mathematical or logical functions to manipulate data, generate charts and graphs, and interpret the results.

E. Cultural Diversity: *Review of instructional materials (provide examples)*

a. Various real world application problems illustrate that students are exposed to cultural diversity. Examples of such problems are on the following:

- Sports (Pg. 57)
- Jewelry (Pg. 57)
- Telephone Charges (Pg. 81)
- Area, Volume, Perimeter (various problems throughout the text)

III. Needs Assessment: *Identify the instructional, administrative, and/or student need(s), etc., being addressed by this course.*

- Based on the 2011-2012 PSAT results, our minority & female student population has been identified as potentially begin successful on the AP Calc BC course. Currently WOHS offer AP Calculus AB and Collegeboard has offered us a grant to start the AP Calculus BC course to offer to the targeted population of students.
- As part of our STEM initiative, WOHS would like to add more math courses which offer a higher level of thinking and more connections to science & engineering.
- Increase the number of AP Courses offered at West Orange High School.

IV. Rationale: *Explain how this course would meet the needs identified in above item III.*

- Create opportunities for minority and female learners as recommended by College Board.
- Increase the number of AP courses available to students.

V. Proposal: *Outline the proposal by providing information listed below.*

A. Impact upon Scheduling/Staffing Needs: None

B. Textbooks, Materials, Equipment, Technology Needs (List hardware and software)

- a. Calculus: Early Transcendentals Single Variable - 2008
- b. TI-89 Graphing Calculator

C. Curriculum Writing Needs: *Please check*

- Revision
- New

X Other (specify): AP Calculus BC includes & contains extension of the AP Calculus AB course. The AP Calculus AB curriculum can be modified to include the new topics that will be covered in AP Calculus BC.

D. Staff Development Needs: Teacher will be attending the AP Calculus AB & BC Summer Institute, funded by the grant we receive from College Board.

E. Budgetary Request: Include cost for above item B
No cost will be required as we will be receiving a grant.

VI. Review of Interested Parties: *Identify all constituents, including school name, who have reviewed this proposal prior to submission and briefly outline any comments that have been made.*

- West Orange High School:
 - Frank Iannucci, Mathematics Supervisor
 - Cheryl Butler, Director of Guidance
 - Young Kim, Math Teacher
 - Hayden Moore, Principal
 - Annette Date, Assistant Principal

VII. Evaluation Process: *Identify evaluation process, person's responsible and anticipated timeline to assess the effectiveness of the course objectives with anticipated outcomes.*

- Students will be evaluated on the effectiveness of the course based on:
 - Student Surveys
 - AP Test Scores
 - Number of Student Enrollment
- Persons Responsible:
 - Frank Iannucci, Mathematics Supervisor
 - Young Kim, Mathematics Teacher
 - Annette Dade, Assistant Principal (Scheduling)

WEST ORANGE PUBLIC SCHOOLS
DEPARTMENT OF SPECIAL SERVICES

Public Agenda
Date: 6/3/13
Attachment # 9

179 Eagle Rock Avenue • West Orange • New Jersey • 07052
Telephone: 973-669-5400 Ext. 20538
Fax: 973-669-8601

Ms. KRISTIN GOGERTY, SUPERVISOR, PRESCHOOL, K-8

Ms. CONSTANCE SALIMBENO, DIRECTOR

MRS. DAWN RIBEIRO, SUPERVISOR, 9-12

DATE: May 24, 2013
TO: James O'Neill
FROM: Constance Salimbeno *CAS*
RE: Agenda Item

Request approval of tuition for the 2012-2013 School Year Out-Of-District placements for the following:

STUDENT # 2012-2013	CLASSIFICATION	PLACEMENT	TUITION
#118	Specific Learning Disability	Essex Campus Academy Fairfield, NJ	\$5,801.29* \$3,841.90 per month
#119	Emotionally Disturbed	Westbridge Academy Bloomfield, NJ	\$7,885.24** \$358.42 per diem

*Retroactive to May 20, 2013

** Start Date of May 29, 2013

c: Mark Kenney

WEST ORANGE PUBLIC SCHOOLS
DEPARTMENT OF SPECIAL SERVICES

Public Agenda /
Date: 6/3/13
Attachment #/ 10

179 Eagle Rock Avenue • West Orange • New Jersey • 07052
Telephone: 973-669-5400 Ext. 20538
Fax: 973-669-8601

MS. CONSTANCE SALIMBENO, DIRECTOR
MS. KRISTIN GOGERTY, SUPERVISOR, PRESCHOOL, K-8 MRS. DAWN RIBEIRO, SUPERVISOR, 9-12

DATE: May 21, 2013
TO: James O'Neill
FROM: Constance Salimbeno *cas*
RE: Agenda Item *Revised 5/29/13*

Request approval of tuition for the 2013-2014 School Year, including Extended School Year, Out-Of-District placements for the following:

STUDENT # 2013-2014	CLASSIFICATION	PLACEMENT	TUITION
#27	Other Health Impaired	Cornerstone Day School Mountainside, NJ	\$74,360 \$338 per diem
#28	Multiple Disability	Cornerstone Day School Mountainside, NJ	\$74,360 \$338 per diem
#29	Multiple Disability	Cornerstone Day School Mountainside, NJ	\$74,360 \$338 per diem
#30	Autistic	Children's Institute (Upper) Livingston, NJ	\$61,254.10 \$297.35 per diem
#31	Autistic	Children's Institute (Lower) Verona, NJ	\$61,408.60 \$298.10 per diem
#32	Multiple Disability	East Mountain School Belle Mead, NJ	\$66,189.90 \$315.19 per diem
#33	Multiple Disability	Chancellor Academy Pompton Plains, NJ	\$313 per diem \$62,600
#34	Specific Learning Disability	Newmark High School Scotch Plains, NJ	\$50,918.40 \$270.67 per diem
#35	Autistic	Newmark School Scotch Plains, NJ	\$48,720.60 \$270.67 per diem
#36	Emotionally Disturbed	Newmark School Scotch Plains, NJ	\$48,720.60 \$270.67 per diem
#37	Specific Learning Disability	New Road School Somerset, NJ	\$46,288.20 \$220.42 per diem
#38	Multiple Disability	Mt. Carmel Guild Academy West Orange, NJ	\$48,571.20 \$269.84 per diem
#39	Multiple Disability	Mt. Carmel Guild Academy West Orange, NJ	\$56,666.40 \$269.84 per diem
#40	Multiple Disability	Mt. Carmel Guild Academy West Orange, NJ	\$56,666.40 \$269.84 per diem
#41	Emotionally Disturbed	Mt. Carmel Guild Academy West Orange, NJ	\$56,666.40 \$269.84 per diem
#42	Traumatic Brain Injury	Mt. Carmel Guild Academy West Orange, NJ	\$56,666.40 \$269.84 per diem
#43	Autistic	Summit Camp Honesdale, PA	\$4,990 In lieu of ESY
#44	Multiple Disability	Children's Therapy Center Midland Park, NJ	\$77,662 \$377 per diem
#45	Autistic	Celebrate the Children Dover, NJ	\$62,000 Plus 1:1 aide @ \$26,911.80

STUDENT # 2013-2014	CLASSIFICATION	PLACEMENT	TUITION
#46	Autistic	The Children's Institute (Lower) Verona, NJ	\$61,408.60 \$298.10 per diem Plus 1:1 aide @ \$31,500
#47	Autistic	Allegro School Cedar Knolls, NJ	\$90,930 \$433 per diem
#48	Autistic	Allegro School Cedar Knolls, NJ	\$90,930 \$433 per diem
#49	Autistic	Allegro School Cedar Knolls, NJ	\$90,930 \$433 per diem