

WEST ORANGE BOARD OF EDUCATION
Public Board Meeting – 6:00 p.m. – November 21, 2011
Edison Middle School
75 William Street

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 May 10, 2011.
- B. That said notice was sent by regular mail to the West Orange Township Clerk and by e-mail to 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. A Public Hearing will now be held on the refunding bond ordinance entitled, "REFUNDING BOND ORDINANCE OF THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY, PROVIDING FOR THE REFUNDING OF ALL OR A PORTION OF THE OUTSTANDING SCHOOL BONDS OF THE SCHOOL DISTRICT, DATED JULY 15, 2003, ISSUED IN THE ORIGINAL PRINCIPAL AMOUNT OF \$38,689,000, APPROPRIATING NOT TO EXCEED \$34,800,000 THEREFOR AND AUTHORIZING THE ISSUANCE OF NOT TO EXCEED \$34,800,000 REFUNDING BONDS TO PROVIDE FOR SUCH REFUNDING."

The ordinance will be considered for final adoption at a later point in the meeting in order to permit the school district to refinance its bonds issued in 2003 to reduce interest costs.

The public hearing is now opened and anyone wishing to make comments or ask questions may speak.

There being no further persons who wish to speak, the public hearing is now closed.

IV. CONSIDERATION OF THE CLOSED AND PUBLIC MEETING MINUTES OF November 7, 2011 (Att. #1)

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

A. HIB Report

B. Second Reading of the Following Board Policy(s):
Visitors 1250.00

VI. REPORTS, DISCUSSIONS, AND RECOMMENDATIONS

A. PERSONNEL

1. Appointments

a.) Superintendent recommends approval of the following appointment(s) at the stipulated contractual rates:

Marcia Grivalsky, Teacher of Reading, West Orange Achievement Program (WOAP), for the 2011-2012 school year, at an hourly rate of \$73 (if more than 2 students, 1.5 times hourly rate)

Lisa Sarett, Mathematics Teacher, Liberty School, maternity leave replacement, BA+1, at the per diem rate of \$240, effective 11/22/11-6/30/12 (replacement)

Danielle Cleary, Grade 1 Teacher, Washington School, maternity leave replacement, BA+1, at the per diem rate of \$240, effective 11/18/11-3/30/12 (replacement)

Rocio Diaz, Lunch Aide, Redwood School, \$16.08 per hour, not to exceed 2 hours per day, effective upon completion of paperwork (additional)

Carol Ruderman, Nursing Services for Saturday Academy at Hazel School, effective 10/29/11-6/9/12, 3 hours per Saturday, at an hourly rate of \$49, for a total of \$3,528 (Att. #2)

Additions to the 2011-2012 Substitute List as per the attached (Att. #3)

Boiler License Stipend (first payment) for Custodial and Maintenance Personnel, as per the attached, in the amount of \$350 (Att. #4)

2. Leave(s) of Absence

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

Meryl Tillis, School Social Worker, medical leave of absence, effective 1/9/12-3/28/12, followed by maternity leave of absence, effective 3/29/12-6/30/12

Amalia Morales, Spanish Teacher, Mt. Pleasant/Pleasantdale Schools, maternity leave of absence, effective 12/12/11-3/30/12

Nicole Silvagni, Special Education Teacher, Pleasantdale School, maternity leave of absence, effective 1/23/12-6/30/12

3. Transfers

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

Special Education Transfers for the 2011-2012 school year (Att. #5)

B. CURRICULUM AND INSTRUCTION

- 1. Recommend approval of "The Introduction to Teaching Reading in a Workshop Model, K-2" training, to be conducted by Lesley University, November 29-30, 2011, at a cost of \$8,795, funded through Title I Grant.**
- 2. Recommend approval of Field Trip requests for the 2011-2012 school year (Att. #6)**
- 3. Recommend approval of Winter Color Guard and WOHS Band trips to Dayton and Cleveland, OH, respectively, from April 10-15, 2012, for a total cost of \$7,035 (Att. #7)**
- 4. Recommend approval for Essex County College, through the Extended Learning Opportunities Program via the SLC Grant, to offer the following course to WOHS students tuition-free during the 2011-2012 school year, for a cost of \$2,000 (Att. #8)**
 - Psychology 101**

5. **Recommend approval of the following course proposals as approved by the Curriculum Council: (Att. #9)**
 - Foundations of Selected Math Topics
 - Research Methods in Science

C. FINANCE

1. **Recommend approval of the 11/21/11 Bills List: (Att. #10)**

Payroll/Benefits	\$ 5,234,652.67
Transportation	\$ 508,283.41
Special Ed. Tuition	\$ 217,792.21
Instruction	\$ 320,511.19
Facilities	\$ 225,997.71
Capital Outlay	\$ 137,951.00
Grants	\$ 139,282.23
Food Service	\$ 295,538.79
Textbooks/Supplies/Athletics/Misc.	<u>\$ 74,880.72</u>
	<u>\$ 7,154,889.93</u>

2. **Second Reading of the refunding bond ordinance as entitled below. Recommend vote to approve the final adoption of said refunding bond ordinance. The refunding of these bonds will provide for a \$997,000 savings over the remaining life of the bond issue. (Att. #11)**

REFUNDING BOND ORDINANCE OF THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY, PROVIDING FOR THE REFUNDING OF ALL OR A PORTION OF THE OUTSTANDING SCHOOL BONDS OF THE SCHOOL DISTRICT, DATED JULY 15, 2003, ISSUED IN THE ORIGINAL PRINCIPAL AMOUNT OF \$38,689,000, APPROPRIATING NOT TO EXCEED \$34,800,000 THEREFOR AND AUTHORIZING THE ISSUANCE OF NOT TO EXCEED \$34,800,000 REFUNDING BONDS TO PROVIDE FOR SUCH REFUNDING.

3. **Recommend vote to approve the following resolution: (Att. #12)**

RESOLUTION DETERMINING THE FORM AND OTHER DETAILS OF NOT TO EXCEED \$34,800,000 PRINCIPAL AMOUNT OF REFUNDING SCHOOL BONDS OF THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY AND PROVIDING FOR THE SALE AND THE DELIVERY OF SUCH BONDS

4. **Recommend acceptance of donation of 1987 Chevrolet, Monte Carlo SS, for an estimated value of \$3,500, by Jerry Suk to the WOHS Automotive Program.**
5. **Recommend approval of disposal of 1999 bus van to Apache Auto Wreckers for an amount of \$250 payable to the West Orange Public School District (Att. #13)**
6. **Recommend approval for three faculty members to attend the 2011 AVID National Conference December 8-10, 2011, in Orlando, Florida, for a cost of approximately \$6,000, paid through the SLC Grant (Att. #14)**
7. **Recommend approval and adoption of Emergency Operations Plan and Crisis Management Manual for the West Orange Public Schools and the West Orange Public Schools Administration Building.**

8. **Recommend approval of the following resolution:**

WHEREAS, in accordance with N.J.S.A. 18A:36A-4(2)(c) a notice of an application for the Hua Mei charter school has been submitted to the Board of Education for its review; and

WHEREAS the Board of Education believes that said application is not in the best interests of the students of West Orange;

NOW, THEREFORE, BE IT RESOLVED that the Board of Education of the West Orange School District recommends that the Commissioner of Education reject the application; and it is further

RESOLVED that the Board directs Superintendent Anthony Cavanna to submit a detailed statement of reasons in support of its recommendations concerning this application along with this resolution to Christopher Cerf, Acting Commissioner of Education, with copies to the Mayor and Township Council of West Orange, to Assemblywoman Mila Jasey, Assemblyman John McKeon, Senator Richard Codey, Dr. Brian Osborne, Superintendent of South Orange – Maplewood School District and the chairpersons of the New Jersey Senate and Assembly education, budget and appropriation committees.

9. **Recommend acceptance of donation of \$9,800 from Mt. Pleasant School PTA for the purchase of Smart Boards at Mt. Pleasant School.**

D. REPORTS

- 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 December 12, 2011 at Mt. Pleasant Elementary School and for a Joint Meeting with the Township Council of the Township of West Orange to be held at 7:00 p.m. on November 28, 2011 at West Orange High School.
- IX. PETITIONS AND HEARINGS OF CITIZENS
- X. ADJOURNMENT

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: November 3, 2011

TO: Anthony Cavanna, Superintendent

FROM: Constance Salimbeno, Director
Student Support Services

SUBJECT: Agenda Item
Approval of Nurse for Hazel Saturday Academy

Recommend approval for Nurse services for the Saturday Academy at Hazel Avenue Elementary School at a rate of \$49/hr. for 3 hours per Saturday beginning October 29th, Nov. 5, 19, Dec. 3, 10, 17, 2011 - Jan. 7, 21, 28, Feb. 4, 11, 25, March 3, 10, 17, 24, 31, April 21, 28, May 5, 12, 19, June 2, 9, 2012 for a total of \$3,528.

CS: idg

C: Mark Kenney
Peggy Simmons, Payroll Dept.
Denise Keastead, Payroll Dept.

Hazel Elementary – Saturday Academy | 2011-2012 CALENDAR

5 Labor Day

SEPTEMBER 2011						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MARCH 2012						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

3 Saturday Academy
10 Saturday Academy
17 Saturday Academy
24 Saturday Academy
31 Saturday Academy

10 Columbus Day
29 Saturday Academy Begins
31 Halloween

OCTOBER 2011						
S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

APRIL 2012						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

7 No Saturday Academy
14 No Saturday Academy
21 Saturday Academy
28 Saturday Academy

5 Saturday Academy
11 Veterans Day
12 No Saturday Academy
19 Saturday Academy
24 Thanksgiving Day
26 No Saturday Academy

NOVEMBER 2011						
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

MAY 2012						
S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

5 Saturday Academy
12 Saturday Academy
19 Saturday Academy
26 No Saturday Academy
28 Memorial Day

3 Saturday Academy
10 Saturday Academy
17 Saturday Academy
24 No Saturday Academy
25 Christmas Day
31 No Saturday Academy

DECEMBER 2011						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE 2012						
S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

2 Saturday Academy
9 Saturday Academy – last day

1 New Year's Day
7 Saturday Academy
14 No Saturday Academy
16 M.L. King Jr. Day
21 Saturday Academy
28 Saturday Academy

JANUARY 2012						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JULY 2012						
S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

4 Saturday Academy
11 Saturday Academy
18 No Saturday Academy
20 Presidents Day
25 Saturday Academy

FEBRUARY 2012						
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

AUGUST 2012						
S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Public Agenda
Date: 11/21/11
Attachment # 3

Substitute for 2011-2012 for the
November 21, 2011 Board Agenda

Name	Subject Area
Appleyard, John	K-12
Leone, Sue	Administrative Assistant
Bernard, Donald	K-12
Weisblatt, Lori	Nurse

CUSTODIAL/MAINTENANCE BLACK SEAL BOILER OPERATORS LICENSE
REVISED - 9/26/11

<u>NAME</u>	<u>SCHOOL</u>
ALLEN, TIMOTHY	MAINTENANCE
ARDON, ROSA	ROOSEVELT
BATTISTINI, EDISON	HAZEL
BENFANTI, PIETRO	LIBERTY
BERMUDEZ, LUZ	REDWOOD
BISONO, ANGELA	WASHINGTON
BRENNEN, KENNETH	WOHS
CRUZ, DELMI	WOHS
CRUZ, MARIA	REDWOOD
CASSIDY, EDWARD	ADMINISTRATION
CARDONE, VICTOR	ADMINISTRATION
CHARLES, HENRY	WOHS
CIAMILLO, ELMER	WOHS
COMPANION, GERARD JR.	MAINTENANCE
COMPANION, GERARD SR.(HC)	PLEASANTDALE
CUSIMANO, STEFANO, (HC)	HAZEL
DIMINICH, JOHN	WOHS
EMAM, TALAL, (HC)	MT. PLEASANT
ESPINOZA, JOSE	WASHINGTON
ESQUIVEZ, CEASAR	ROOSEVELT
FACCHIANO, MICHAEL	GREGORY
FERNANDEZ, ANTONIO	GREGORY
FIORE, KEITH	W.O.H.S.
FLORES, JUAN	ADMINISTRATION
FREDA, WILLIAM	MAINTENANCE
GOMEZ, ROSA	PLEASANTDALE
HANLEY, MICHAEL	ADMINISTRATION
HOOD, GEORGE	WOHS
KELLY, JOHN, (HC)	ROOSEVELT
KHAN, FAZAL	HAZEL
LITZ, RANDY	MAINTENANCE
LOUGIENE, CLAUDY	WOHS
MANNING, WILLIAM	ADMINISTRATION
MANTILLA, ARACELIO	GREGORY
MASO, DAVID	MAINTENANCE
MARTIN, IKE	MAINTENANCE
MICIC, BRANO	WOHS
MIRIC, GORDANA	PLEASANTDALE
MIRIC, ZELJKO	ST. CLOUD
MOLINA, HERNAN	GREGORY
MOLINA, FERNANDO	WOHS
NARCISSE, GERARD	WOHS

PANTALEO, VITO
PETRIE, RONALD
PEREZ, JOSE
PRIDE, TURNER,
QUIRK, STEPHEN
RAGLIEVICH, CLAUDIO, (HC)
RINALDI, JOSEPH
RODRIGUEZ, MONSERRATES
ROTBAUM, WLADIMIR
SAKER, JUAN
SALAZAR, ANGELA
SALAZAR, CARLOS
SALAMANCA, MARIA
SMITH, JAMES
TELLO, DAISY
TEMPLE, WILLIAM
WASHINGTON, WILLIE
WNEK, GLEN
VELOZ, GIOVANNI, (HC)
VANEGES, STELLA, LUZ
VELMIRKA UJIC
ZAVALA, CARMEN

LIBERTY
ROOSEVELT
WOHS
PLEASANTDALE
LIBERTY
WASHINGTON
EDISON
MAINTENANCE
EDISON
MT. PLEASANT
ROOSEVELT
WOHS
LIBERTY
REDWOOD
ST. CLOUD
MAINTENANCE
ST. CLOUD
MT. PLEASANT
EDISON
LIBERTY
WOHS
WOHS

(HC) – HEAD CUSTODIAN

HUMAN RESOURCES DEPARTMENT

**EMPLOYEE TRANSFERS/REASSIGNMENTS
FOR THE 2011-2012 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 Dr. Cavanna 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	
Gina Sant'Angelo	Redwood	Resource	Mt. Pleasant	1:1 Autistic	11/14/11

Submitted by: Connie Salimbeno
Principal

Date: _____

The Public Schools
West Orange, New Jersey

To: Dr. Anthony Cavanna, Superintendent
From: Donna Rando Ed.D., Assistant Superintendent *DR*
Date: November 9, 2011
Re: Field Trips

Please place the following on the West Orange Board of Education Meeting Agenda of Monday, November 21, 2011 under *Curriculum and Instruction*.

“Recommend acceptance of field trip requests submitted for Board of Education approval.”

See attached.

Thank you.

C: M. Kenney
P. Nicholais
D. Daniel

Field Requests
November 21, 2011

School	Destination	Course/Grade	Teacher	Describe How Activity Relates to Curriculum	Transportation Cost	Source of Funds (i.e., District, School, PTA, Student Activity Account, Student)
Pleasantdale	Morris Museum	Grade 1	Carsillo/Mutz	Through math and science, this exhibit helps us understand the building of Lego constructions.	\$690	Students
Washington	Museum of Natural History, NYC	Grade 5	Turner	Social Studies & Science	\$690	District
Liberty	LaPlace Pottery, Point Pleasant, NJ	Art	Villalobos	Create clay art into business	\$518	Student
Liberty	United Nations, NYC	French, Grade 8	Ndong	Countries & Nationalities	\$345	Student
Liberty	Museum of Natural History, NYC	Art	Villalobos/Rudd	Artifacts of Northwest Coast Indians	\$345	Student
Liberty	Metropolitan Museum of Art, NYC	Art	Rudd	European, Asian art collection	\$345	Student
WOHS	Seton Hall University	Juniors/Seniors	Fahey	Explore College Campus	\$264	District
WOHS	WO Rotary Club	Wind Ensemble	McClure	Rotary Luncheon Performance	\$136	District
WOHS	Winnacunnet H.S., New Hampshire	Drama Club	VanDyke	Drama Competition/Festival	\$3,000	District
WOHS	Stevens Institute of Technology	IMS, Grade 10	Fernandez-Perez	Campus Tour and Information Session for Students	\$884	Student
WOHS	The College of NJ	IMS, Grade 9	Pallante	Explore College Campus	\$345	Student
WOHS	Metropolitan Museum of Art, NYC	3-D Design	Clark	African Sculpture and 9/11 Peace Quilt	\$345	Student
WOHS	The College of NJ	IMS, Grade 9	Pallante	Explore College Campus	\$690	Student
WOHS	WO Rotary Club	Wind Ensemble	Kelly	Rotary Luncheon Performance	\$136	District
WOHS	Daughters of Israel	World History	Drabik	Social Studies Program	\$34	District
WOHS	Randolph HS	WOHS Concert Choir	Farley	NJSMA Region 1 Choral Festival	\$414	District
WOHS	Eastwick College	Guidance/Transitions	Chung	College Visit	\$0	NA



West Orange Public Schools

179 Eagle Rock Avenue
West Orange, NJ 07052

Public Agenda

Date: 11/21/11

Attachment # 7

MEMORANDUM

Fine Arts Department
Louis Quagliato, Supervisor
973-669-5400 ext. 20570
lquagliato@woboe.org

To: Dr. Anthony Cavanna, Superintendent of Schools
From: Louis Quagliato, Fine Arts Supervisor
Date: November 4, 2011
Re: Spring Trip-Cleveland Ohio

Plans are in progress to have the West Orange High School Marching Band, Wind Ensemble, Symphonic Winds and Jazz Ensemble participate in a spring trip to Cleveland, Ohio from April 10, 2012 - April 15, 2012. The cost per student for this trip, which will be paid by the student, will be \$735.00. This cost includes transportation, food, lodging, attractions and participation in the music festival and adjudication.

This year we have planned for this trip to coincide with the Winter Color Guard trip to Dayton Ohio for the WGI Scholastic Championship competition. The student cost is \$325.00 for each color guard student participating. Cost for transportation will be \$7136.00. As in the past, the music boosters will share in the total cost of transportation; \$2500.00 will come from the Fine Arts budget and the balance of \$4636.00 will be paid through the music booster's account.

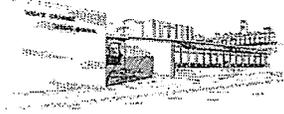
We anticipate the need for a total of 6 chaperones to participate in the band trip and 1 to participate in the color guard trip. Expenses for the staff and chaperones will be provided by Peak Performance Tours at no additional cost.

Chaperones will be paid through the overnight chaperone fee at the rate of \$201.00 per night. The total cost to the board will be \$7035.00.

Thank you in advance for your consideration and support.

Cc: Dr. Donna Rando
Mr. Arthur Alloggiamento
Mr. Lewis Kelly
Ms. Erin McClure

West Orange High School
Arthur J. Alloggiamento, Principal



To: Dr. Anthony Cavanna
From: Arthur J. Alloggiamento
Date: November 16, 2011
Re: College Course on Saturdays

As part of the Extended Learning Opportunities that we would like to offer our students via the SLC Grant, is a Saturday course through Essex County College. This course, Psychology 101, will be offered at WOHS on Saturdays from 9 am - 11:40 am, beginning January and ending April 21.

The anticipated cost for the Essex County instructor is approximately \$2000; the SLC grant will pay for the instructor. The course is free for our students; however, they will need to pay for any book(s) needed for the course.

*The Public Schools
West Orange, New Jersey*

Public Agenda

Date:

Attachment #

*11/21/11
9*

To: Dr. Anthony Cavanna, Superintendent
From: Donna Rando, Ed.D., Assistant Superintendent 
Date: November 17, 2011
Re: New Course Proposals

At the November 16, 2011 Curriculum Council meeting, the Curriculum Council approved the following course proposals, pending Board of Education approval:

- Foundations of Selected Math Topics
- Research Methods in Science

Thank you.

Revised 10/11

The Public Schools
West Orange, New Jersey

<i>For Use of Curriculum Office</i>	
Date Proposal Submitted:	
To Office of Curriculum:	11/16/11
To Curriculum Council:	11/16/11
To Superintendent:	11/17/11
To Board of Education:	11/21/11

New Course Proposal

I. Proposed Course Information

A. Proposed Course Foundations of Selected Math Topics

B. Sponsor of the Proposal Dawn Ribeiro

C. Department(s) or Area(s) Special Education/Math

D. Projected Date of Implementation September 2012

E. Grade(s) 12

F. Level (s) Special Education
(Regular, Special Education, Honors, Advanced Placement)

G. This course is:

A revision of _____

A course to replace _____

A new course Foundations of Selected Math Topics

H. This course is: _____ Required _____ Elective x Full Year _____ Semester
_____ Other (Specify) _____

I. Intended Pre-requisite/Co- requisite: Pre-requisite Foundations of Algebra 2

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

A. Course Objectives: *The student should be able to*

- Identify angles in a coordinate plane and in a circle
- Use basic graphs with emphasis on domain, range and period
- Apply trigonometric ratios to applications of right triangles
- Use the basic counting principles, permutations and combinations in real-world applications
- Recognize the difference between mutually exclusive events and events that are not mutually exclusive
- Graph linear equations and inequalities, systems of linear inequalities and recognize feasible region and vertices of feasible region
- Identify types of matrices and apply knowledge to addition, subtraction and scalar multiplication of matrices
- Analyze a collection of data and use different ways to display data

- B. Common Core Standards/Core Curriculum Content Standards: *Include specific standards and cumulative progress indicators*

Standard 4.1 (Number and Numerical Operations) All students will develop number sense and will perform standard numerical operations and estimations on all types of numbers in a variety of ways

4.1.12 A. Number Sense

1. Extend understanding of the number system to all real numbers.

4.1.12 B. Numerical Operations

1. Extend understanding and use of operations to real numbers and algebraic procedures.
2. Develop, apply, and explain methods for solving problems involving rational and negative exponents.
3. Perform operations on matrices.
 - Addition and subtraction
 - Scalar multiplication
 - Understand and apply the laws of exponents to simplify expressions involving numbers raised to powers.

4.1.12 C. Estimation

1. Recognize the limitations of estimation, assess the amount of error resulting from estimation, and determine whether the error is within acceptable tolerance limits.

Standard 4.3 (Patterns and Algebra) All student will represent and analyze relationships among variable quantities and solve problems involving patterns, functions, and algebraic concepts and processes

4.3.12 B. Functions and Relationships

1. Understand relations and functions and select, convert flexibly among, and use various representations for them, including equations or inequalities, tables, and graphs.
2. Understand and perform transformations on commonly-used functions.
 - Effects on linear and quadratic graphs of parameter changes in equations
 - Using graphing calculators or computers for more complex functions
3. Understand and compare the properties of classes of functions, including exponential, polynomial, rational, and trigonometric functions.
 - Linear vs. non-linear
 - Symmetry
 - Increasing/decreasing on an interval

4.3.12 C. Modeling

1. Use functions to model real-world phenomena and solve problems that involve varying quantities.
 - Linear, quadratic, exponential, periodic (sine and cosine), and step functions (e.g., price of mailing a first-class letter over the past 200 years)
 - Same function can model variety of phenomena
2. Analyze and describe how a change in an independent variable leads to change in a dependent one.

Standard 4.4 (Data Analysis, Probability, and Discrete Mathematics) All Students will develop an understanding of the concepts and techniques of data analysis, probability and discrete mathematics and will use them to model situations, solve problems, and analyze and draw appropriate inferences from data.

4.4.12 A. Data Analysis

1. Use surveys and sampling techniques to generate data and draw conclusions about large groups.
 - Advantages/disadvantages of sample selection methods (e.g., convenience sampling, responses to survey, random sampling)
 - Evaluate the use of data in real-world contexts.
 - Accuracy and reasonableness of conclusions drawn
 - Correlation vs. causation
 - Bias in conclusions drawn (e.g., influence of how data is displayed)

4.4.12 B. Probability

1. Determine probabilities in complex situations.
 - Conditional events
 - Complementary events
 - Dependent and independent events
2. Estimate probabilities and make predictions based on experimental and theoretical probabilities.

4.4.12 C. Discrete Mathematics—Systematic Listing and Counting

1. Calculate combinations with replacement (e.g., the number of possible ways of tossing a coin 5 times and getting 3 heads) and without replacement (e.g., number of possible delegations of 3 out of 23 students).
2. Apply the multiplication rule of counting in complex situations, recognize the difference between situations with replacement and without replacement, and recognize the difference between ordered and unordered counting situations.
3. Justify solutions to counting problems.

Standard 4.5 (Mathematical Processes) All Students will use mathematical processes of problem solving, communication, connections, reasoning, representations, and technology to solve problems and communicate mathematical ideas

4.5 A. Problem Solving

1. Learn mathematics through problem solving, inquiry, and discovery.
2. Solve problems that arise in mathematics and in other contexts.
 - Open-ended problems
 - Non-routine problems
 - Problems with multiple solutions
 - Problems that can be solved in several ways

4.5 B. Communication

1. Communicate their mathematical thinking coherently and clearly to peers, teachers, and others, both orally and in writing.
2. Analyze and evaluate the mathematical thinking and strategies of others.
3. Use the language of mathematics to express mathematical ideas precisely.

4.5 C. Connections

1. Recognize that mathematics is used in a variety of contexts outside of mathematics.
2. Apply mathematics in practical situations and in other disciplines.

C. 21st Century Life and Careers Standards: *Include specific standards and cumulative progress indicators*

9.2.4 A. Critical Thinking

1. Recognize and define a problem.
2. Plan and follow steps to make choices and decisions.
3. Identify and access print and non-print resources that can be used to help solve problems.
4. Demonstrate brainstorming skills.

9.2.4 B. Self-Management

1. Demonstrate an understanding of the relationship between personal behavior and self-image.
2. Recognize and build upon personal strengths.
3. Accept criticism and respond constructively.
4. Recognize personal likes and dislikes.
5. Demonstrate steps to deal with stress and conflict.

D. Technology Standards: *Include specific standards and cumulative progress indicators*

4.5 F. Technology

1. Use technology to gather, analyze, and communicate mathematical information.
2. Use computer spreadsheets, software, and graphing utilities to organize and display quantitative information.
3. Use graphing calculators and computer software to investigate properties of functions and their graphs.
4. Use calculators as problem-solving tools (e.g., to explore patterns, to validate solutions).
5. Use computer software to make and verify conjectures about geometric objects.
6. Use computer-based laboratory technology for mathematical applications in the sciences (cf. science standards).

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

Materials used for this course have been reviewed to include cultural diversity.

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

After review of current Algebra 2 classes, it was discovered that there are 11th grade students in Algebra 2 resource and LLD levels. These students will require a resource or LLD level Math class during their 12th grade year. The special education department currently does not have an appropriate course available. We offer a practical math class; however, these students may not all be appropriate for this course. With the removal of the Integrated Algebra/Geometry Math sequence and return to the sequence of Algebra 1, Geometry, Algebra 2 sequence, we now have 11th grade students in Algebra 2 and the need for an appropriate Math course for 12th grade within the special education department.

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

The Foundations of Selected Math Topics course would provide continuation of the Math curriculum for 12th grade students who are appropriate for post secondary educational programs.

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

A. Impact upon Scheduling/Staffing Needs:

There would be a need for an additional teacher for this course. If enrollment is consistent with this year – these classes would require an additional teacher as the current special education staff at WOHS each teach 6 courses per day. This course would necessitate four special education classes.

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

There is no textbook for this course. There are teacher generated materials. Students are to have access to scientific calculators and graphing calculators.

C. Curriculum Writing Needs: *Please check*

X Revision

New

Other (specify) _____

D. Staff Development Needs

No additional staff development would be needed. Teachers will review the Selected Math Topics curriculum and make appropriate adjustments for a foundations course.

E. Budgetary Request: *Include cost for above item B*

Purchase of class set of graphing calculators: Amount to be determined, using existing budget

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.*

Constance Salimbeno (Director Student Support Services), Arthur Alloggiamento (Principal WOHS), Christine O'Neill (Math teacher), Frank Iannucci (Math Supervisor), Lesley Chung (School Counselor)

All parties feel that there is a need for this course to accommodate 12th grade students receiving special education and related services.

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

Evaluation will be conducted each marking period to determine the number of students who demonstrate an improvement in their previous marking period grade.

Revised 10/11

*The Public Schools
West Orange, New Jersey*

<i>For Use of Curriculum Office</i>	
Date Proposal Submitted:	
To Office of Curriculum:	11/16/11
To Curriculum Council:	11/16/11
To Superintendent:	11/17/11
To Board of Education:	11/21/11

New Course Proposal

I. Proposed Course Information

- A. Proposed Course: Research Methods in Science
- B. Sponsor of the Proposal Arthur Alloggiamento (on behalf of Science Supervisor)
- C. Department(s) or Area(s): Science
- D. Projected Date of Implementation: September 2012
- E. Grade(s): 11 & 12th Grades
- F. Level (s): Honors
(Regular, Special Education, Honors, Advanced Placement)
- G. This course is: _____
A new course
- H. This course is: _____ Required _____ x Elective _____ Full Year _____ Semester
_____ Other (Specify) _____
- I. Intended Pre-requisite/Co- requisite: Honors Chemistry pre-requisite

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

- A. Course Objectives:
 - Students will perform authentic science research in a topic area of their interest and choice
 - Students will participate in the community of scientific research and scholarship through communication with scientists working in the field and with other educational institutions
 - Students will perform hands-on scientific research through the following:
 - Identifying topics of interest and investigating areas for research opportunities
 - Locating and reading appropriate and relevant scientific literature
 - Creating testable hypotheses and designing experiments to test their hypotheses
 - Recording, analyzing, and communicating results
 - Stating clear conclusions directly dependent on the results
 - Students will learn effective and appropriate use of technology to access peer-reviewed scientific literature, for data collection and analysis, and for communication and collaboration.
 - Students will present research findings to their peers and teachers, and prepare projects for submission to science and engineering competitions such as the Intel Science & Engineering Fair and the Siemens Competition in Math, Science & Technology.

B. Common Core Standards/Core Curriculum Content Standards:

New Jersey Core Curriculum Content Standards – Science (2009)

5.1.12.A.1-3, B.1-4, C.1-3, D.1-2

Common Core Standards – Literacy in Science & Technical Subjects 6-12

RST.11-12.1-3, 7-10

WHST.11-12.1.a-e, 2.a-e, 4-10

C. 21st Century Life and Careers Standards:

New Jersey Core Curriculum Content Standards – 21st Century Life and Careers (2009)

9.1.12.A.1-4, B.1-3, C.4-5, D.1,3, E.1, F.2, 6

9.3.12.C.3, 6-7

9.4.12.O.1-33, O.(1).1-12, O.(2).1-6

D. Technology Standards:

New Jersey Core Curriculum Content Standards – Technology (2009)

8.1.12.A.1-4, C.1, D.2, E.1, F.1-2

8.2.12.B.2

Cultural Diversity: *Review of instructional materials (provide example)*

Textbooks not required.

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

Course will provide students with the skills to enter state-wide and national competitions.

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

The course will provide opportunities to research, design and conduct scientific experiments.

V. Proposal:

A. Impact upon Scheduling/Staffing Needs:

Scheduling: One period per day in this year-long course.

Staffing

- Teacher will be required to do take on the following responsibilities in teaching the course:
 - Establish and maintain contact with student research mentors.
 - Establish and maintain contact with research student parents/guardians.
 - Conduct an appropriate student assessment session, one-to-one with each student, every two weeks.
 - Help students identify and contact mentors when deemed appropriate.
 - Help students find venues for public presentation of their work.
- Science Research Committee to be formed to ensure that safe and appropriate humane procedures are used in all student projects and that they are 'good science'. SRC will consist of an educator, a school administrator and a biomedical scientist ((Ph.D., M.D., D.V.M., D.D.S., D.O.)
- Institutional Review Board to be formed to deal with all research involving humans in any way. IRB will consist of an educator, a school administrator and a professional knowledgeable about evaluating physical and/or psychological risk: MD, PA, RN, psychiatrist, psychologist, licensed social worker or licensed clinical professional counselor

- B. Textbooks, Materials, Equipment, Technology Needs (List hardware and software)
- Student Laboratory Notebooks w/ Carbonless Copies
 - Classroom computers with access to Internet, scholarly research article databases and cooperating higher education library systems. Computers will have software for word processing, spreadsheet, statistical analysis, presentation development and data collection (when appropriate, depending on student research project choices).
 - Standard laboratory equipment needed for scientific research and experimentation, supplemented with additional specialized equipment as necessary depending on student research project choices.
 - Transportation to cooperating higher education institutions for collaboration with student mentors and possible use of advanced equipment needed for student research projects.

C. Curriculum Writing Needs: *Please check*

- Revision
- New
- Other (specify) _____

D. Staff Development Needs

- Visitation teams to other school districts with established science research courses (Livingston High School, Millburn High School, Leonia High School)
- Teacher training through a university with an established program for science research in high schools (i.e. SUNY Albany)

E. Budgetary Request: *Include cost for above item B*

Anticipated expenses \$5000 supplies

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.*

The Superintendent, Assistant Superintendent, HS Principal, Assistant Principal, and some members of the high school science department are in support of this proposal.

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

To be implemented by new Science Supervisor.

REFUNDING BOND ORDINANCE OF THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY, PROVIDING FOR THE REFUNDING OF ALL OR A PORTION OF THE OUTSTANDING SCHOOL BONDS OF THE SCHOOL DISTRICT, DATED JULY 15, 2003, ISSUED IN THE ORIGINAL PRINCIPAL AMOUNT OF \$38,689,000, APPROPRIATING NOT TO EXCEED \$34,800,000 THEREFOR AND AUTHORIZING THE ISSUANCE OF NOT TO EXCEED \$34,800,000 REFUNDING BONDS TO PROVIDE FOR SUCH REFUNDING.

BE IT ORDAINED BY THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY (not less than two-thirds of all members thereof affirmatively concurring) AS FOLLOWS:

Section 1. The Board of Education of the Township of West Orange in the County of Essex, New Jersey (the "School District") is hereby authorized to refund all or a portion of the outstanding School Bonds of the School District issued in the original principal amount of \$38,689,000 and dated July 15, 2003 (the "2003 Bonds"). The 2003 Bonds maturing on or after November 1, 2014 may be redeemed at the option of the School District in whole or in part on any date on or after November 1, 2013 (the "Redemption Date") at a redemption price equal to the par amount of the 2003 Bonds to be redeemed plus accrued interest, if any, to the Redemption Date.

Section 2. In order to finance the cost of the purpose described in Section 1 hereof, negotiable refunding bonds (the "Refunding Bonds") are hereby authorized to be issued in the aggregate principal amount not to exceed \$34,800,000 pursuant to N.J.S.A. 18A:24-61 et seq.

Section 3. An aggregate amount not exceeding \$350,000 for items of expense listed in and permitted under N.J.S.A. 18A:24-61.4 has been included in the aggregate principal amount of Refunding Bonds authorized herein.

Section 4. The purpose of the refunding is to incur an interest cost savings for the School District.

Section 5. A supplemental debt statement has been prepared and filed in the offices of the Township Clerk and the Business Administrator/Board Secretary and in the office of the Director of the Division of Local Government Services in the Department of Community Affairs of the State of New Jersey as required by law. Such statement shows that the gross debt of the Township as defined in the Local Bond Law and the school debt of the School District is increased by the amount the Refunding Bond authorization exceeds the amount of the proposed refunded bonds.

Section 6. A certified copy of this refunding bond ordinance as adopted on first reading has been filed with the director of the Division of Local Government Services in the Department of Community Affairs of the State of New Jersey prior to final adoption, together with a complete statement in the form prescribed by the Director and signed by the Business Administrator/Board Secretary or the Board President of the School District as to the indebtedness to be financed by the issuance of the Refunding Bonds authorized herein.

Section 7. The Board President, the Superintendent, the Business Administrator/Board Secretary and other appropriate representatives of the School District are hereby authorized to prepare such documents, to publish such notices and to take such other actions as are necessary or desirable to enable the School District to prepare for the sale and the issuance of the Refunding Bonds authorized herein and to provide for the redemption of the 2003 Bonds referred to in Section 1 hereof.

Section 8. This bond ordinance shall take effect immediately after final adoption and endorsement of the consent of the Local Finance Board upon a certified copy of this ordinance as finally adopted.

EXTRACT from the minutes of a regular meeting of The Board of Education of the Township of West Orange in the County of Essex, New Jersey held at _____, West Orange, New Jersey on November 21, 2011 at _____ p.m.

PRESENT:

ABSENT:

_____ introduced and moved the adoption of the following resolution, and _____ seconded the motion:

RESOLUTION DETERMINING THE FORM AND OTHER DETAILS OF NOT TO EXCEED \$34,800,000 PRINCIPAL AMOUNT OF REFUNDING SCHOOL BONDS OF THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY AND PROVIDING FOR THE SALE AND THE DELIVERY OF SUCH BONDS

BE IT RESOLVED BY THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY (not less than two-thirds of all members thereof affirmatively concurring) AS FOLLOWS:

Section 1. The Board of Education of the Township of West Orange in the County of Essex, New Jersey (referred herein as the "Board of Education" or "Board") hereby authorizes the sale, in one or more series, of an amount not to exceed \$34,800,000 Refunding School Bonds (the "Bonds") by virtue of its final adoption by a two-thirds majority of its full membership on November 21, 2011 of a bond ordinance entitled, "Refunding Bond Ordinance of The Board of Education of the Township of West Orange in the County of Essex, New Jersey, Providing for the Refunding of All or a Portion of the Outstanding School Bonds of the School District, Dated

July 15, 2003, Issued in the Original Principal Amount of \$36,689,000, Appropriating Not to Exceed \$34,800,000 Therefor and Authorizing the Issuance of Not to Exceed \$34,800,000 Refunding Bonds to Provide for Such Refunding.”

Section 2. The Bonds are hereby authorized to be sold to Powell Capital Markets, Inc. (referred to herein as the “Underwriter”) in accordance with the purchase contract to be entered into by and between the Underwriter and the Board (the “Purchase Contract”) pursuant to this resolution. The purchase price for the Bonds shall be as set forth in the Purchase Contract, plus unpaid accrued interest, if any, from the dated date of the Bonds to, but not including, the delivery date of the Bonds. The Board President, Superintendent and/or Business Administrator/Board Secretary is hereby authorized to enter into the Purchase Contract on behalf of the Board with the Underwriter in a form satisfactory to McManimon & Scotland, L.L.C., Bond Counsel for the Board (“Bond Counsel”) for the sale of the Bonds to the Underwriter in accordance with the provisions of this resolution and otherwise in accordance with and subject to approval of the refunding bond ordinance by the Local Finance Board. The signature of the Board President, Superintendent or Business Administrator/Board Secretary on the Purchase Contract shall be conclusively presumed to evidence any necessary approvals.

Section 3. The Bonds are being issued to incur interest cost savings by redeeming all or a portion of the callable outstanding school bonds of the Board originally issued in the principal amount of \$36,689,000 dated July 15, 2003, which bonds maturing on or after November 1, 2014 (the “Refunded Bonds”) are redeemable at the option of the Board in whole or in part on any date on or after November 1, 2013 at par (the "Redemption Price"), plus in each case accrued interest, if any, to the date fixed for redemption.

Section 4. The Bonds shall be issued in accordance with the terms and the conditions set forth in the Purchase Contract within the parameters set forth herein:

(A) The Bonds shall be issued in a par amount determined to be necessary to pay costs of issuance and to provide for payment of the Redemption Price of the Refunded Bonds on the Redemption Date, and the interest due on the Refunded Bonds through the Redemption Date, all in accordance with the Local Finance Board approval;

(B) The Bonds shall be dated such date as established in the Purchase Contract;

(C) The Bonds shall mature in the principal amounts on or about November 1 of each year, commencing on or about November 1, 2012 and thereafter or as otherwise set forth in the Purchase Contract and shall bear interest at interest rates per annum on the unpaid principal balance on each May 1 and November 1 until maturity or earlier redemption, commencing on or about May 1, 2012 or as otherwise set forth in the Purchase Contract;

(D) The Bonds shall be issued in the form of one bond for each maturity;

(E) The Bonds shall be numbered consecutively from R-1 upward and shall mature in such principal amounts with such mandatory call features and with such mandatory sinking fund payments as set forth below and as determined in the Purchase Contract;

(F) The Bonds may be subject to optional redemption or not as set forth in the Purchase Contract;

(G) Depending on market conditions at the time of the sale, the Bonds may be issued in one or more series as determined by the Business Administrator/Board Secretary, in consultation with Bond Counsel and Nisivoccia LLP (the "Auditor").

Section 5. The Bonds shall be substantially in the following form with such additions, deletions and omissions as may be necessary for the Board to conform the Bonds to the requirements of the Purchase Contract.

**THE FOLLOWING IS THE BOND FORM FOR
INFORMATION ONLY – DO NOT COMPLETE OR SIGN**

REGISTERED
NUMBER R- _____

REGISTERED
\$ _____

UNITED STATES OF AMERICA
STATE OF NEW JERSEY

THE BOARD OF EDUCATION
OF THE TOWNSHIP OF WEST ORANGE
IN THE COUNTY OF ESSEX

REFUNDING SCHOOL BOND

DATED DATE	MATURITY DATE:	RATE OF INTEREST PER ANNUM:	CUSIP:
__/__/__	11/01/__	_____%	_____

THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, New Jersey (the "Board of Education") hereby acknowledges itself indebted and for value received promises to pay to CEDE & CO., as nominee of The Depository Trust Company, which will act as Securities Depository, on the Maturity Date specified above, the principal sum of _____ DOLLARS (\$ _____) and to pay interest on such sum from the Dated Date set forth above at the Rate of Interest Per Annum specified above semiannually on the first days of May and November in each year until maturity [or earlier redemption] commencing on May 1, 2012. Interest on this bond will be paid to the Securities Depository by the Board of Education and will be credited to the participants of The Depository Trust Company as listed on the records of The Depository Trust Company as of the February 15 and October 15 next preceding the date of such payments (the "Record Dates" for such payments). Principal of this bond, upon presentation and surrender to the Board of Education, will be paid to the Securities Depository by the Board of Education and will be credited to the participants of The Depository Trust Company.

This bond is not transferable as to principal or interest except to an authorized nominee of The Depository Trust Company. The Depository Trust Company shall be responsible for maintaining the book-entry system for recording the interests of its participants or the transfers of the interests among its participants. The participants are responsible for maintaining records regarding the beneficial ownership interests in the bonds on behalf of individual purchasers.

[The bonds of this issue maturing prior to November 1, 20__ are not subject to redemption prior to their stated maturities. The bonds of this issue maturing on or after

November 1, 20__ are redeemable at the option of the Board of Education in whole or in part on any date on or after November 1, 20__ upon notice as required herein at par, plus in each case unpaid accrued interest to the date fixed for redemption.

Notice of redemption shall be given by mailing by first class mail in a sealed envelope with postage prepaid to the registered owners of the bonds not less than thirty (30) days, nor more than sixty (60) days prior to the date fixed for redemption. Such mailing shall be to the owners of such bonds at their respective addresses as they last appear on the registration books kept for that purpose by the Board of Education or a duly appointed Bond Registrar. Any failure of the Securities Depository to advise any of its participants or any failure of any participant to notify any beneficial owner of any notice of redemption shall not affect the validity of the redemption proceedings. If the Board of Education determines to redeem a portion of the bonds prior to maturity, the bonds to be redeemed shall be selected by the Board of Education. The bonds to be redeemed having the same maturity shall be selected by the Securities Depository in accordance with its regulations.

If notice of redemption has been given as provided herein, the bonds or the portion thereof called for redemption shall be due and payable on the date fixed for redemption at the redemption price, together with unpaid accrued interest to the date fixed for redemption. Interest shall cease to accrue on the bonds after the date fixed for redemption. Payment shall be made upon surrender of the bonds redeemed.]

This bond is one of an authorized issue of bonds and is issued pursuant to Title 18A, Education, Chapter 24, of the New Jersey Statutes and the refunding bond ordinance finally adopted by the Board of Education on November 21, 2011, in all respects duly approved. Payment of this obligation is secured under the provisions of the New Jersey School Bond Reserve Act, P.L. 1980, c. 72, approved July 16, 1980, as amended by P.L. 2003, c.118, approved July 1, 2003, in accordance with which an amount equal to 1% of the aggregate outstanding bonded indebtedness (but not to exceed the moneys available in the fund) of New Jersey counties, municipalities and school districts for school purposes as of September 15 of each year, is held within the State Fund for the Support of Free Public Schools as a school bond reserve pledged by law to secure payments of principal and interest due on such bonds in the event of the inability of the issuer to make payment.

The full faith and credit of the Board of Education are hereby irrevocably pledged for the punctual payment of the principal of and the interest on this bond according to its terms.

It is hereby certified and recited that all conditions, acts and things required by the constitution or the statutes of the State of New Jersey to exist, to have happened or to have been performed precedent to or in the issuance of this bond exist, have happened and have been performed and that the issue of bonds of which this is one, together with all other indebtedness of the Board of Education, is within every debt and other limit prescribed by such constitution or statutes.

IN WITNESS WHEREOF, THE BOARD OF EDUCATION OF THE TOWNSHIP OF WEST ORANGE IN THE COUNTY OF ESSEX, NEW JERSEY has caused this bond to be executed in its name by the manual or facsimile signature of its President, its corporate seal to be hereunto imprinted or affixed, this bond and the seal to be attested by the manual signature of its Secretary, and this bond to be dated the Dated Date as specified above.

THE BOARD OF EDUCATION OF THE
TOWNSHIP OF WEST ORANGE IN THE
COUNTY OF ESSEX, NEW JERSEY

[SEAL]

ATTEST:

By: _____ (Facsimile)
President

By: _____
Secretary

Section 6. The Bonds shall have printed thereon a copy of the written opinion with respect to the Bonds that is to be rendered by the Board's Bond Counsel, complete except for omission of its date. The Business Administrator/Board Secretary is hereby authorized and directed to file a signed duplicate of such written opinion in the Business Administrator/Board Secretary's office. Alternatively, each Bond may be accompanied by the signed legal opinion or copy thereof.

Section 7. Bond Counsel is authorized to arrange for the printing of the Bonds. The proper officials of the Board are hereby authorized and directed to execute the Bonds and to deliver them to the Purchaser in exchange for payment, including accrued interest from their date to the date of delivery, if any.

Section 8. The Business Administrator/Board Secretary is hereby authorized to make representations and warranties, to enter into agreements and to make all arrangements with The Depository Trust Company, New York, New York as may be necessary in order to provide that the Bonds will be eligible for deposit with The Depository Trust Company and to satisfy any obligation undertaken in connection therewith.

Section 9. In the event that The Depository Trust Company may determine to discontinue providing its service with respect to the Bonds or is removed by the Board of Education and if no successor Securities Depository is appointed, the Bonds which were previously issued in book-entry form shall be converted to Registered Bonds (the "Registered Bonds") in denominations of \$5,000, or any integral multiple thereof, except that an amount maturing in any one year in excess of the largest principal amount thereof equaling a multiple of \$5,000 will be in denominations of \$1,000, or any integral multiple thereof. The beneficial owner under the book-entry system, upon registration of the Bonds held in the beneficial owner's

name, will become the registered owner of such Registered Bonds. The Board shall be obligated to provide for the execution and delivery of the Registered Bonds in certificate form.

Section 10. The Board hereby covenants that it will comply with any conditions subsequent imposed by the Internal Revenue Code of 1986 (the "Code") in order to preserve the exemption from taxation of interest on the Bonds, including the requirement to rebate all net investment earnings on the gross proceeds above the yield on the Bonds, and that it will refrain from taking any action that would adversely affect the tax exemption of the Bonds under the Code. The Board authorizes the Business Administrator/Board Secretary to act and determine on behalf of the Board whether the Bonds will be designated as "bank qualified" within the meaning of Section 265 of the Code.

Section 11. Solely for purposes of complying with Rule 15c2-12 of the Securities and Exchange Commission, as amended and interpreted from time to time (the "Rule"), and provided that the Bonds are not exempt from the Rule and provided that the Bonds are not exempt from the following requirements in accordance with paragraph (d) of the Rule, for so long as the Bonds remain outstanding (unless the Bonds have been wholly defeased), the Board of Education shall provide for the benefit of the holders of the Bonds and the beneficial owners thereof:

(a) On or prior to February 1 of each year, beginning February 1, 2012, electronically to the Municipal Securities Rulemaking Board's Electronic Municipal Market Access ("EMMA") system or such other repository designated by the SEC to be an authorized repository for filing secondary market disclosure information, if any, annual financial information with respect to the Board of Education consisting of the audited financial statements (or unaudited financial statements if audited financial statements are not then available, which audited financial

statements will be delivered when and if available) of the Board of Education and certain financial information and operating data consisting of (1) Board of Education and overlapping indebtedness including a schedule of outstanding debt issued by the Board of Education; (2) the Board of Education's most current adopted budget; (3) property valuation information; and (4) tax rate, levy and collection data. The audited financial statements will be prepared in accordance with generally accepted accounting principles as modified by governmental accounting standards as may be required by New Jersey law;

(b) if any of the following material events occur regarding the Bonds, a timely notice not in excess of ten business days after the occurrence of the event sent to EMMA:

- (1) Principal and interest payment delinquencies;
- (2) Non-payment related defaults, if material;
- (3) Unscheduled draws on debt service reserves reflecting financial difficulties;
- (4) Unscheduled draws on credit enhancements reflecting financial difficulties;
- (5) Substitution of credit or liquidity providers, or their failure to perform;
- (6) Adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the security, or other material events affecting the tax status of the security;
- (7) Modifications to rights of security holders, if material;
- (8) Bond calls, if material, and tender offers;
- (9) Defeasances;
- (10) Release, substitution, or sale of property securing repayment of the securities, if material;
- (11) Rating changes;
- (12) Bankruptcy, insolvency, receivership or similar event of the obligated person;
- (13) The consummation of a merger, consolidation, or acquisition involving an obligated person or the sale of all or substantially all of the assets of the obligated person, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material;

- (14) Appointment of a successor or additional trustee or the change of name of a trustee, if material.

For the purposes of the event identified in subparagraph (12) above, the event is considered to occur when any of the following occur: the appointment of a receiver, fiscal agent or similar officer for an obligated person in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under state or federal law in which a court or governmental authority has assumed jurisdiction over substantially all of the assets or business of the obligated person, or if such jurisdiction has been assumed by leaving the existing governing body and officials or officers in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the obligated person.

(c) Notice of failure of the Board of Education to provide required annual financial information on or before the date specified in this resolution shall be sent in a timely manner to EMMA.

(d) If all or any part of the Rule ceases to be in effect for any reason, then the information required to be provided under this resolution, insofar as the provision of the Rule no longer in effect required the provision of such information, shall no longer be required to be provided.

(e) The Business Administrator/Board Secretary shall determine, in consultation with Bond Counsel, the application of the Rule or the exemption from the Rule for each issue of obligations of the Board of Education prior to their offering. Such officer is hereby authorized to enter into additional written contracts or undertakings to implement the Rule and is further

authorized to amend such contracts or undertakings or the undertakings set forth in this resolution, provided such amendment is, in the opinion of nationally recognized bond counsel, in compliance with the Rule.

(f) In the event that the Board of Education fails to comply with the Rule requirements or the written contracts or undertakings specified in this resolution, the Board of Education shall not be liable for monetary damages, remedy being hereby specifically limited to specific performance of the Rule requirements or the written contracts or undertakings therefor.

Section 12. The Board hereby approves the preparation and the distribution of the Preliminary Official Statement in the form to be approved by the Business Administrator/Board Secretary. Such Official Statement may be distributed in preliminary form and deemed final for purposes of Rule 15c2-12 of the Securities and Exchange Commission on behalf of the Board by the Business Administrator/Board Secretary. The Preliminary Official Statement shall be prepared in final form in connection with the issuance of the Bonds, and the Business Administrator/Board Secretary is authorized to execute any certificates necessary in connection with the distribution of the Official Statement. Final Official Statements shall be delivered to the Purchaser within the earliest of seven business days following the sale of the Bonds or to accompany the Purchaser's confirmations that request payment for the Bonds. The Board's Bond Counsel and/or the Board's Auditor are further authorized to arrange on behalf of the Board of Education for a rating for the Bonds from Moody's Investors Service and/or Standard & Poor's.

Section 13. The Business Administrator/Board Secretary, with the advice of the Underwriter and Bond Counsel, is authorized to arrange for bond insurance if advantageous based on the advice of the Underwriter to be provided at a premium not to exceed 75 basis points

of the amount of principal and interest payable in order to obtain the best possible rates and the most cost effective financing and is authorized to take all steps on behalf of the Board necessary to do so.

Section 14. The Business Administrator/Board Secretary, with the advice of Bond Counsel, shall arrange for paying agent services or redemption agent services with a banking institution if any portion of the Bonds are term bonds requiring a sinking fund.

Section 15. The Business Administrator/Board Secretary is also authorized to pay the costs of issuance at or after the time of closing to the various participants regarding the sale and issuance of the bonds based upon the recommendation of Bond Counsel to pay such costs.

Section 16. The Business Administrator/Board Secretary shall take all steps necessary to call the Refunded Bonds on the Redemption Date, at par, plus any unpaid accrued interest thereon and to take all steps necessary for the investment of the proceeds of the Refunded Bonds necessary to arrange for such redemption. Bond Counsel and/or the Underwriter on behalf of the Board of Education are authorized to reserve and purchase open market treasury securities and/or United State Treasury—State and Local Government Series (SLGs) for deposit with the escrow agent if required. All of the principal amount and interest earnings on the open market treasury securities and/or SLGs, as well as cash, if necessary, will be used to pay the interest due on the Refunded Bonds through the Redemption Date and pay the Redemption Price on the Refunded Bonds on the Redemption Date. The Board hereby authorizes the Business Administrator/Board Secretary with the advice of Bond Counsel to select a bank to serve as escrow agent and authorizes the Business Administrator/Board Secretary and/or Board President to enter into an Escrow Deposit Agreement with such escrow agent in order to provide instructions regarding the deposit of the open market treasury securities and/or SLGs and cash, if any.

Section 17. The Board hereby authorizes the Auditor to serve as verification agent to confirm the accuracy of the arithmetical and mathematical computations supporting (i) the accuracy of the interest cost savings and the sufficiency of the amount in the escrow account to pay the interest due on the Refunded Bonds through the Redemption Date and pay the Redemption Prices on the Redemption Date; and (ii) the calculations of yield supporting the conclusion of Bond Counsel that the Bonds are not “arbitrage bonds” as such meaning is set forth in the Code.

Section 18. The Board President, Superintendent, Business Administrator/Board Secretary and other appropriate representatives of the Board are hereby authorized to take all steps necessary to provide for the issuance of the Bonds and the redemption of the Refunded Bonds, including preparing and executing such agreements and documents on behalf of the Board and taking all steps necessary or desirable to implement the requirements of this resolution, such agreements, and documents as may be necessary and appropriate and the transactions contemplated thereby.

Section 19. This resolution shall take effect immediately upon approval of the refunding bond ordinance by the Local Finance Board.

The foregoing resolution was adopted by the following vote:

AYES:

NAYS:

Public Agenda
Date: 11/21/11
Attachment # 13

The Public Schools
West Orange, New Jersey 07052
Telephone: 973 669-5400
Fax: 973 669-1979

Buildings and Grounds Department

Robert Csigi, CEFM
Director Buildings and Grounds



179 Eagle Rock Avenue

MEMORANDUM

To: Mark Kenney
Re: Vehicle Disposal
Date: November 14, 2011

Disposal of 1999 bus van. Van is 12 years old and was in an accident. Due to the age and high mileage it was not cost effective to repair. Bus van taken out of service in 2011. Usable parts were taken off bus van and stored for replacement parts on other bus vans. New replacement vehicle will be purchased in 2012. Apache Auto Wreckers will pick up bus van and will pay the District \$250 for the vehicle.

Please list on Board agenda for the November 21, 2011 Board meeting.

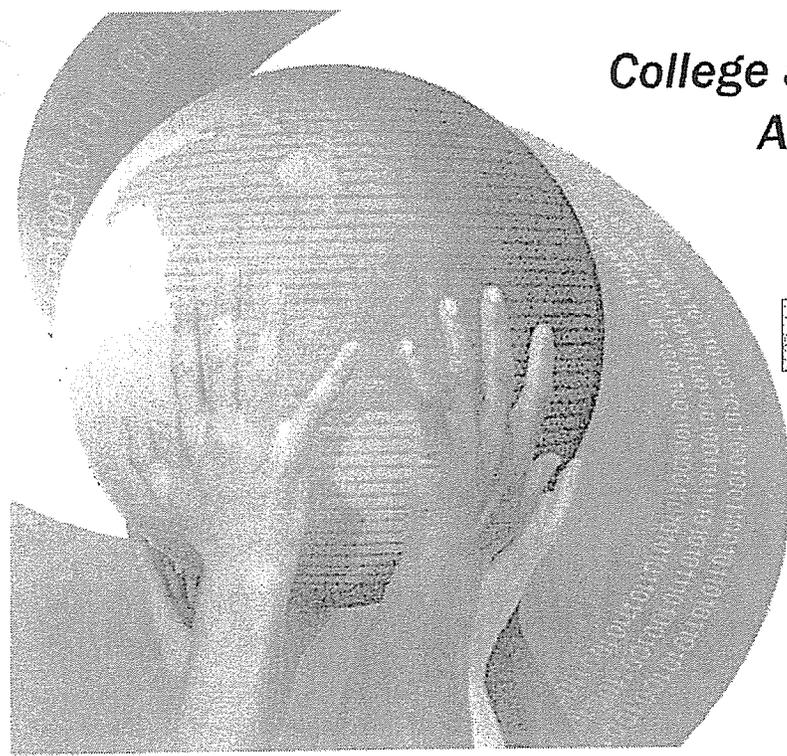
c: Kathy Papa
Kathy Winston
file

2011 AVID National Conference

*College and Career-Ready Students:
A Pledge to the Future*

December 8-10

Orlando, Florida
at the Hilton Bonnet Creek



Who should attend?

- Superintendents
- School board members
- District and site administrators
- Postsecondary and other educational leaders

Registration Fees

\$495 for AVID member districts until November 8, 2011
\$525 for AVID members after November 8, 2011, and for Non-AVID attendees

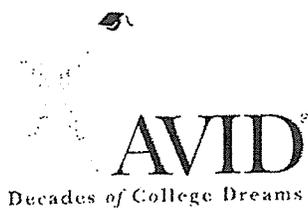
Hotel Information

To book rooms at the Hilton Bonnet Creek Hotel at a discounted conference rate of \$140 + tax, single/double, go to www.avid.org, and reserve by November 4, 2011. Rate is based on availability, so book early.

Come hear practitioners share best practices on opening access to rigorous curriculum for all.

Learn about sustainable school programs and replicable college readiness initiatives that promote access to rigorous curriculum for all students. Sessions will focus on a variety of topics, including:

- African American male student achievement
- Brain research
- Closing the gender gap
- Creating an elementary-through-postsecondary college readiness system
- Culturally responsive teaching
- Developing a schoolwide and districtwide college-going culture
- English learners acceleration
- STEM in the classroom
- 21st Century skills



Go to avid.org for details.

