

Pacific View Charter School

A California Public School and Nonprofit 501 (c) (3) Corporation

3670 Ocean Ranch Blvd., Oceanside, California 92056

Phone # (760) 757-0161

AGENDA

Board of Trustees' Meeting – Tuesday, October 15, 2013

5:00pm

- 1.0 Call to Order/Roll Call
- 2.0 Approval of Agenda **Action**
- 3.0 Pledge of Allegiance
- 4.0 Introductions
- 5.0 Public Comment
- 6.0 Executive Director's Report **Information**
- 7.0 Treasurer's Report For Period Ending September 30, 2013 **Information**

8.0 Consent Calendar

These agenda items are considered routine and will be approved in one action without discussion. If a Board Trustee requests that an item be removed from the consent calendar or a citizen wishes to speak to an item, the item will be considered under Action Items.

- 8.1 Minutes from Board Meeting of September 17, 2013 **Action**

9.0 Action/Discussion Items

- 9.1 December Board Meeting Date Change **Action**
- 9.2 Common Core Proposed Expenditures **Action**

10.0 Curriculum

- 10.1 Work Experience Course Outlines **Action**
- 10.2 Aventa Pre-Algebra B **Action**
- 10.3 Aventa Algebra 1B & 2B **Action**
- 10.4 Aventa Geometry B **Action**

11.0 Closed Session

- 11.1 Salary Negotiations (Gov. Code 54957.6)
Negotiator: Sandra Benson, Business Consultant **Action**

12.0 **Report Out To Public Action Taken In Closed Session**

13.0 **Board/Staff Discussion**

14.0 **Adjournment**

7.0

PACIFIC VIEW CHARTER SCHOOL

BOARD OF TRUSTEES' MEETING

October 15, 2013

2013/2014 TREASURER'S REPORT
FOR PERIOD ENDING September 30, 2013

PACIFIC VIEW CHARTER SCHOOL

Treasurer's Report

October 15, 2013 Board Meeting

2013/14 - Charter Schools Enterprise Fund 62-00 & Capital Outlay Fund 62-01

Statement of Activities for the Period Ending September 30, 2013

Revenues			2013/14 Adopted Budget	2013/14 Revised Budget	# Year-to-Date 7/1-09/30/13 Transactions	Remaining Budget	% Budget Remaining
<u>Object</u>	<u>Resource</u>	<u>Description</u>					
8012	1400	Education Protection Act	0	349,878	128,673	221,205	63%
8015	0000	General Purpose Entitlement	2,133,400	2,153,604	353,927	1,799,677	84%
8096	0000	Transfer to Charter School Revenue Limit	957,383	957,383	219,476	737,907	77%
8550	0000	Mandated Cost Reimbursement	0	17,485	0	0	0%
8560	1100	Lottery	58,144	58,144	0	58,144	100%
8560	6300	Restricted Lottery	14,067	14,067	0	14,067	100%
8590	0000	Categorical Block Grant/Other State Funding	291,677	752	0	752	100%
8590	7405	Common Core Standards		89,200	44,600	44,600	50%
8660	0000	Interest	1,810	1,810	0	1,810	100%
8699	0000	All Other Local Revenue	8,000	8,000	72	7,929	99%
8919	0000	Other Authorized Interfund Transfers	0	0	0	0	0%
Grand Total All Revenues:			<u>3,464,481</u>	<u>3,650,323</u>	<u>746,747</u>	<u>2,886,091</u>	<u>79%</u>

Expenditures

<u>Object</u>	<u>Certificated Personnel Salaries</u>					
1100	Teacher	1,329,037	1,329,037	304,479	1,024,558	77%
1300	Supervisors and Administrators	174,661	174,661	43,665	130,996	75%
1900	Other Certificated	0	0	0	0	0%
Total Certificated Personnel Salaries:		<u>1,503,698</u>	<u>1,503,698</u>	<u>348,144</u>	<u>1,155,554</u>	<u>77%</u>

PACIFIC VIEW CHARTER SCHOOL

Treasurer's Report October 15, 2013 Board Meeting

2013/14 - Charter Schools Enterprise Fund 62-00 & Capital Outlay Fund 62-01 Statement of Activities for the Period Ending September 30, 2013

<u>Description</u>	2013/14 Adopted Budget	2013/14 Revised Budget	Year-to-Date 7/1-09/30/13 Transactions	Remaining Budget	% Budget Remaining
Object					
<u>Classified Personnel Salaries</u>					
2100	29,656	29,656	1,066	28,590	96%
2300	121,908	121,908	30,477	91,431	75%
2400	53,584	53,584	11,296	42,288	79%
2900	58,537	58,537	14,634	43,903	75%
Total Classified Personnel Salaries:	263,685	263,685	57,473	206,212	78%
Total Employee Benefits:	434,862	434,862	92,950	341,912	79%
<u>Books and Supplies</u>					
4100	3,650	3,650	561	3,089	85%
4200	0	0	0	0	0%
4300	69,901	109,965	28,613	81,352	74%
4400	0	0	0	0	0%
Total Books and Supplies:	73,551	113,615	29,174	84,441	74%
<u>Services and Other Operating Expenditures</u>					
5200	24,256	24,256	5,202	19,054	79%
5300	7,443	7,443	2,958	4,485	60%
5500	24,000	24,000	5,256	18,744	78%
5600	0	0	0	0	0%
5800	1,118,218	1,083,300	4,346	1,078,954	100%

PACIFIC VIEW CHARTER SCHOOL

Treasurer's Report

October 15, 2013 Board Meeting

**2013/14 - Charter Schools Enterprise Fund 62-00 & Capital Outlay Fund 62-01
Statement of Activities for the Period Ending September 30, 2013**

<u>Object</u>	<u>Description</u>	2013/14 Adopted Budget	2013/14 Revised Budget	Year-to-Date 7/1-09/30/13 Transactions	Remaining Budget	% Budget Remaining
	<u>Services & Other Operating Expenses (con't)</u>					
5900	Communications	4,500	4,875	1,787	3,088	63%
	Total Services & Other Operating Expenses:	1,178,417	1,143,874	19,549	1,124,325	98%
6XXX	<u>Capital Outlay</u>	0	0	0	0	0%
7XXX	<u>Other Outgo and Transfers Out</u>					
	Grand Total All Expenditures:	<u>3,454,213</u>	<u>3,459,734</u>	<u>547,290</u>	<u>2,912,444</u>	<u>84%</u>
	Beginning Fund Balance	2,047,455	2,047,455			
	Increase/Decrease	10,268	190,589			
	Ending Fund Balance	2,057,723	2,238,044			
9711	000 Reserve for Revolving Cash	200	200			
9770	000 Designated for Economic Uncertainties	103,626	103,792			
9780	009 Deferred Maintenance Reserve	50,000	50,000			
9780	008 Erate/100 Laptops/Laptop Cart	14,416	14,848			
9780	007 Facilities Reserve	150,000	150,000			
9780	000 Land/Bldg/Deprec/Comp Absence/Growth	1,569,212	1,697,492			
9780	012 Long Term Debt Reserve (Building)	160,237	217,571			
9780	013 Long Term Debt Reserve (Automobile)	10,032	4,141			

8.1

Pacific View Charter School

A California Public School and Nonprofit 501 (c) (3) Corporation

3670 Ocean Ranch Blvd., Oceanside, California 92056

Phone # (760) 757-0161

Board of Trustees' Meeting – Tuesday, September 17, 2013

Board Minutes

1.0 Call to Order/Roll Call- President Gleisberg called the meeting to order at 5:05pm with 1st Vice President Walters and Board Trustee Renfroe present

2.0 Approval of Agenda – Moved by 1st Vice President Walters and seconded by President Gleisberg to approve agenda as presented.

AYES: Gleisberg, Renfroe, Walters

NOES: None

ABSTAIN: None

3.0 Pledge of Allegiance-Dr. Jeanne Iman led the Pledge of Allegiance

4.0 Introductions - Lori Bentley, Business Services; Kathi Cohen, Lead Teacher High School; Kathy Meck, Lead Teacher K-8; Don Thiele, Curriculum Coordinator; Gayl Johnson, Achievement Coordinator; Sandy Benson, Business Consultant; Steve Soto, Jason Mal

5.0 Public Comment - None

6.0 Executive Director's Report

- ✚ Our API score is 720 which is an increase of 32 points. Similar school rankings have not been released
- ✚ CAHSEE pass rate for 10th grade is 81% and our goal is 85%.
- ✚ Interventions have helped support the students' individual gains we have seen in Star Enterprise data
- ✚ CAHSEE Testing will be October 1 & 2
- ✚ We have been working with a Marketing Consultant; they are analyzing the data to figure out why their expectations have not been met
- ✚ We continue to update our Facebook and Twitter accounts and have ads on Google. I will update the Board next month
- ✚ K-8 classroom begins Monday, September 30
- ✚ The Firehouse Subs fundraiser will be on Sept.26 from 10:00am to 9:00pm & Sept27 from 10:00am to 10:00pm. We will receive 20% of the profits

- # We are still in the preliminary stage for our video that is being produced. We are lining up testimonials and they will be on site to shoot video of our students in the near future
- # Picture Day is October 3
- # We have a field trip to Boomers on September 19
- # There are four staff attending a workshop put on by our legal counsel regarding H/R and Student Issues
- # Wednesday there will be a Professional Development for Staff on Process and Procedures
- # We also have two staff that will be attending a McKinney Vento liaison workshop held at the County Office of Education

7.0 Treasurer's Report For Period Ending August 31, 2013

- # There is an increase in the General Purpose Entitlement including the EPA of \$370K
- # The Categorical Block Grant was decreased by \$200K
- # We are projecting our income conservatively due to the funding being so unpredictable
- # We received \$89,200 for Common Core Standards that can be used for technology related items. I will bring back to the Board for approval a proposed expenditure for these funds
- # End result is there are no changes to the expenditures
- # Change due to the LCFF and Common Core funds

8.0 Consent Calendar

These agenda items are considered routine and will be approved in one action without discussion. If a Board Trustee requests that an item be removed from the consent calendar or a citizen wishes to speak to an item, the item will be considered under Action Items

8.1 Minutes from Board Meeting of August 20, 2013

Moved by President Gleisberg and seconded by Trustee Renfroe to approve the minutes with change in when dogs are allowed to come each week.

AYES: Gleisberg, Renfroe, Walters

NOES: None

ABSTAIN: None

9.0 Action/Discussion Items

9.1 Moved by President Gleisberg and seconded by 1st Vice President Walters to approve the 2012.2013 Unaudited Actuals Report for Period Ending June 30,2013

AYES: Gleisberg, Renfroe, Walters
NOES: None
ABSTAIN: None

9.2 Moved by President Gleisberg and seconded by 1st Vice President Walters to approve the 2013.2016 Governor's LCFF Revised Budget as presented

AYES: Gleisberg, Renfroe, Walters
NOES: None
ABSTAIN: None

9.3 Moved by 1st Vice President Walters and seconded by Trustee Renfroe the Donor's Choose donation as presented

AYES: Gleisberg, Renfroe, Walters
NOES: None
ABSTAIN: None

9.4 Moved by Trustee Renfroe and seconded by 1st Vice President Walters to approve the 2013.14 School Goals as presented

AYES: Gleisberg, Renfroe, Walters
NOES: None
ABSTAIN: None

9.5 Moved by President Gleisberg and seconded by 1st Vice President Walters to approve the Therapy Dogs Program as presented.

AYES: Gleisberg, Renfroe, Walters
NOES: None
ABSTAIN: None

9.6 No action was taken on the November & December Board Meeting date change

10.0 Personnel

10.1 Moved by President Gleisberg and seconded by 1st Vice President Walters to approve the Salary Schedule Column Advancement Criteria as presented

AYES: Gleisberg, Renfroe, Walters
NOES: None
ABSTAIN: None

11.0 Closed Session

The Board convened to Closed Session at 6:00pm to address Salary Negotiations

12.0 Report Out To Public Action Taken In Closed Session

The Board reconvened to Open Session at 6:20pm and reported out that the Executive Director's contract was corrected.

13.0 Board/ Staff Discussion

None

12.0 Adjournment President Gleisberg adjourned the meeting at 6:21 pm

9.2

Pacific View Charter School BOARD ACTION ITEM

BACKGROUND

Assembly Bill (AB) 86 (Chapter 48, Statutes of 2013), Section 85, appropriates \$1.25 billion (approximately \$200 per prior year enrollment) in the 2013-2014 school year to support the integration of academic content standards in instruction adopted pursuant to various *Education Code* sections.

CCSS implementation funds can be expended for any of the following purposes:

- Professional development for teachers, administrators, and paraprofessional educators or other classified employees involved in the direct instruction of pupils that is aligned to the academic content standards adopted
- Instructional materials aligned to the academic content standards including, but not limited to, supplemental instructional materials
- Integration of these academic content standards through technology-based instruction for purposes of improving the academic performance of pupils, including, but not necessarily limited to, expenditures necessary to support the administration of computer-based assessments and provide high-speed, high-bandwidth Internet connectivity for the purpose of administration of computer-based assessments

As a condition of receiving CCSS implementation funds, the District, is required to:

- Develop and adopt a plan delineating how the CCSS implementation funds will be spent. The plan must be explained in a public meeting of the governing board of the school district and then be adopted in a subsequent public meeting
- Report detailed expenditure information to the California Department of Education (CDE) on or before July 1, 2015, including, but not limited to, specific purchases made and the number of teachers, administrators, or paraprofessional educators that received professional development

The funds may be spent in 2013-14 and 2014-15.

CURRENT CONSIDERATIONS:

Pacific View Charter School's goal is to administer the common core state assessments through computers and is in need of building the necessary infrastructure and devices, as well as providing professional development for the use of these devices.

Pacific View Charter School (FUND 62):

Proposed Expenditures	Estimated Cost
CCSS Staff Development	\$10,000
CCSS Curriculum Writing	\$15,000
iPads for CCSS Instruction	\$10,000
Infrastructure to accommodate CCSS updates	\$5,000
Computers/Laptops & Desktops for CCSS Instruction	\$40,000
CCSS Instructional Materials	\$5,000
CCSS Compatible Computer Hardware	\$4,200
Total Expenditures	\$89,200

Pacific View School requests the approval of the following estimated expenditures for the Common Core State Standards Implementation Funding following one month of review. Board approval will be requested at the November board meeting.

FINANCIAL IMPLICATIONS:

- Pacific View Charter School prior year highest enrollment for 2012-2013 school year was 559 students (approximately \$89,200.00 (Eighty-Nine Thousand Two Hundred and No/100) in CCSS Implementation Funding)

10.1

Pacific View Charter School

Course Outline

Course Title: ~~General~~ Work Experience 1

Course #: 8400/ 1099*

Department: Elective

Prerequisites: none

Credits: ~~Maximum of 10 credits per course-5~~ (Max 10 credits)

Course Description: This course is an elective class which combines supervised paid employment in any occupational field with related classroom instruction in employability skills. Students will develop work habits, attitudes, self-confidence, and job skills, which can be used to locate, secure, and retain employment in the community. Related classroom instruction is divided into five primary areas as derived from the California State Frameworks for Work Experience in Education: this course deals with ~~two: How to Get a Job and Keep a Job,~~ understanding the workplace and keeping a job.

Note: There are three courses in the Work Experience series. ~~Each course runs for an entire trimester and earned credits will be determined by amount of hours worked.~~ There is a maximum of ten credits per course and thirty credits while attending the high school program.

Workshop Requirements: Students are required to attend a weekly workshop.

Student Outcomes:

The students will be able to:

- ~~1) Understand how personal skill development affects their employability.~~
- ~~2) Understand key concepts in group dynamics, conflict resolution, and negotiation.~~
- ~~3) Exhibit critical and creative thinking skills, logical reasoning, and problem solving.~~
- ~~4) Understand principles of effective communication.~~
- ~~5) Understand occupational safety issues including the avoidance of physical hazards in the work environment.~~
- ~~6) Understand career paths and strategies for obtaining employment within their chosen fields.~~
- ~~7) Understand and adapt to changing technology by identifying learning, and applying new skills to improve job performance.~~

- 1) Understand basic labor laws and know how to contact government agencies when necessary.
- 2) Understand basic labor laws including safety regulations, sexual harassment, employment contracts, union agreements, etc.
- 3) Understand employer expectations of employees. Students will review their own performance evaluations to identify areas of improvement and plan steps to improve.
- 4) Know the common reasons why employees are terminated and identify steps to be taken to avoid being terminated.

- 5) Recognize and discuss laws, issues, and ethical practices relating to workplace privacy involving: communications, internet usage, workplace searches, video camera surveillance, personnel files, etc.
- 6) Identify the most common work place accidents and steps to avoid these potentially hazardous situations.
- 7) Understand and know how to respond to crime at work with emphasis on personal safety.
- 8) Know how to recognize sexual harassment when it occurs and know the appropriate actions that need to be taken to have a non-offensive work environment.
- 9) Identify situations at work that require ethical actions and decision making, including but not limited to: reasons for missing work, reporting actions of others to supervisors, issues of honesty, etc.
- 10) Understand basic labor laws pertaining to leaving a job including the legal concept of “Wrongful Termination.”

Assessment: Assessment of student outcomes will be based on weekly class attendance, weekly time sheets, Portfolio homework, two quizzes, and one test per trimester and an employment-related project.

Instructional Materials: Material from state and federal labor departments: (www.dlr.ca.gov, www.dol.gov, www.edd.gov) ~~Corona Norco Unified School District Work Experience Education Instructional Guide~~ and CAWEE (California Work Experience Education) website: www.cawee.org.

Board Approval Date: 11-14-06

Amended:

*Course number in current use

Pacific View Charter School

Course Outline

Course Title: ~~General~~ Work Experience 2

Course #: 8405/ 1100*

Department: Elective

Prerequisites: none

Credits: ~~Maximum of 10 credits per course-5~~ (Max 10 credits)

Course Description: This course is an elective class which combines supervised paid employment in any occupational field with related classroom instruction in employability skills. Students will develop work habits, attitudes, self-confidence, and job skills, which can be used to locate, secure, and retain employment in the community. Related classroom instruction is divided into five primary areas as derived from the California State Frameworks for Work Experience in Education; this course deals with ~~two: How to Leave a Job and Economic Awareness.~~ **job seeking skills and leaving a job.**

Note: There are three courses in the Work Experience series. ~~Each course runs for an entire trimester and earned credits will be determined by amount of hours worked.~~ There is a maximum of ten credits per course and thirty credits while attending the high school program.

Workshop Requirements: Students are required to attend a weekly workshop.

Student Outcomes:

The students will be able to:

- ~~1) Understand how personal skill development affects their employability.~~
- ~~2) Understand key concepts in group dynamics, conflict resolution, and negotiation.~~
- ~~3) Exhibit critical and creative thinking skills, logical reasoning, and problem solving.~~
- ~~4) Understand principles of effective communication.~~
- ~~5) Understand occupational safety issues including the avoidance of physical hazards in the work environment.~~
- ~~6) Understand career paths and strategies for obtaining employment within their chosen fields.~~
- ~~7) Understand and adapt to changing technology by identifying learning, and applying new skills to improve job performance.~~

- 1) Demonstrate knowledge of resources available including internet based web sites to locate employment opportunities.
- 2) Understand how to properly compose and format a business letter and compose one, such as a resume cover letter and/or an interview thank you letter.
- 3) Demonstrate how to appropriately complete job applications.
- 4) Understand and know how to create a properly formatted resume and reference sheet.
- 5) Create a "Portfolio" that demonstrates skills and experiences for use when seeking employment.

- 6) Know how to identify and demonstrate effective job interview skills and techniques.
- 7) Identify and practice appropriate responses to potential interview questions.
- 8) Identify discriminatory practices related to the employment process including recognition of inappropriate interview questions. Students will practice actions/responses to such situations.
- 9) Learn how to develop a plan for obtaining pay raises and/or promotions.
- 10) Know how to create a properly formatted letter of resignation from employment.

Assessment: Assessment of student outcomes will be based on weekly class attendance, weekly time sheets, Portfolio homework, two quizzes, and one test per trimester. an employment-related project.

Instructional Materials: Material from state and federal labor departments: (www.dlr.ca.gov, www.dol.gov, www.edd.gov) ~~Corona-Norco Unified School District Work Experience Education Instructional Guide~~ and CAWEE (California Work Experience Education) website: www.cawee.org.

Board Approval Date: 11-14-06

Amended:

*Course number in current use

Pacific View Charter School

Course Outline

Course Title: ~~General~~ Work Experience 3

Course #: 8409/ 1101*

Department: Elective

Prerequisites: none

Credits: ~~Maximum of 10 credits per course-5~~ (Max 10 credits)

Course Description: This course is an elective class which combines supervised paid employment in any occupational field with related classroom instruction in employability skills. Students will develop work habits, attitudes, self-confidence, and job skills, which can be used to locate, secure, and retain employment in the community. Related classroom instruction is divided into five primary areas as derived from the California State Frameworks for Work Experience in Education; this course deals with ~~one: Career Development.~~ wages, taxation, and benefits.

Note: There are three courses in the Work Experience series. ~~Each course runs for an entire trimester and earned credits will be determined by amount of hours worked.~~ There is a maximum of ten credits per course and thirty credits while attending the high school program.

Workshop Requirements: Students are required to attend a weekly workshop.

Student Outcomes:

The students will be able to:

- ~~1) Understand how personal skill development affects their employability.~~
- ~~2) Understand key concepts in group dynamics, conflict resolution, and negotiation.~~
- ~~3) Exhibit critical and creative thinking skills, logical reasoning, and problem solving.~~
- ~~4) Understand principles of effective communication.~~
- ~~5) Understand occupational safety issues including the avoidance of physical hazards in the work environment.~~
- ~~6) Understand career paths and strategies for obtaining employment within their chosen fields.~~
- ~~7) Understand and adapt to changing technology by identifying learning, and applying new skills to improve job performance.~~
 - 1) Use and demonstrate the purpose and effect of a W-4 Form for income tax withholding.
 - 2) Know how to read their W-2 and use the information to complete the 1040EZ form to file a basic tax return.
 - 3) Recognize and discuss the most common deductions on a paycheck stub.
 - 4) Identify, describe and differentiate types of compensation and benefits including required insurance such as: state disability, worker's compensation, unemployment, social security and Medicare as well as understand other forms of insurance the employee may be offered.

- 5) Know the appropriate documents that can be presented to the employer for the Federal "I-9" form immediately after being hired.

Assessment: Assessment of student outcomes will be based on weekly class attendance, weekly time sheets, Portfolio homework, two quizzes, and one test per trimester. an employment-related project.

Instructional Materials: Material from state and federal labor departments: (www.dlr.ca.gov, www.dol.gov, www.edd.gov) ~~Corona Norco Unified School District Work Experience Education Instructional Guide~~ and CAWEE (California Work Experience Education) website: www.cawee.org.

Board Approval Date: 11-14-06

Amended:

*Course number in current use

10.2

Pacific View Charter School Course Outline

Course Title: Aventa Pre-Algebra B

Course #: 4056

Department: Mathematics

Credits: 5

Pre-requisite: ~~none~~ Pre-Algebra A with a C or better

Course Description: This course builds upon the essential skills of arithmetic as they apply to algebra. Real numbers and linear equations, linear inequalities, factoring, fractions, graphing and some elements of geometry are stressed.

Student Outcome:

The student will be able to:

- 1) Understand number properties, round numbers, and identify significant digits
- 2) Understand the definition of polynomials and be able to add, subtract, multiply and divide polynomials
- 3) Factor polynomials
- 4) Understand basic geometry including formulas for perimeter and area, right triangles, and the Pythagorean Theorem
- 5) Solve equations
- 6) Use the Cartesian coordinate system, plot points on the graph and graph and solve linear equations
- 7) Understand the definition of probability and express probabilities as fractions, decimals, and percents
- 8) Make predictions from data
- 9) Understand and calculate the mean, median, and mode

Assessment:

Assessment of student outcomes will be based on student performance through examinations, assignments, and qualitative evaluations. Assessments will help students to analyze, interpret, explain, synthesize, evaluate, and communicate.

Instructional Materials: Aventalearning Online Curriculum
www.aventalearning.com

Board Approval: 5/17/11

Amended:

10.3

Pacific View Charter School

Course Outline

Course Title: Aventa Algebra 1B

Course #: 4039

Department: Mathematics

Credits: 5

Pre-requisite: Algebra 1A with a C or better

Course Description: The purpose of this course is to allow the student to gain mastery in working with and evaluating mathematical expressions, equations, graphs, and other topics, with an emphasis on real-world applications throughout this year-long algebra course. The second semester of the course provides students with extensive instruction in topics including systems of equations and inequalities, exponential and radical functions, rational expressions and equations, as well as probability and statistics. Throughout the course are self-check quizzes, audio tutorials, interactive manipulatives, practice games, and plenty of review activities.

Student Outcome:

The student will be able to:

- 1) Graph systems of linear inequalities and interpret the solution set
- 2) Simplify expressions with exponents, including scientific notation
- 3) Graph and analyze exponential and radical functions
- 4) Solve exponential and radical equations
- 5) Simplify rational expressions
- 6) Write and solve rational equations
- 7) Calculate theoretical probability
- 8) Use statistical methods for analyzing and organizing data
- 9) Solve problems involving ratios, rates, and unit conversion

Assessment:

Assessment of student outcomes will be based on student performance through examinations, assignments, and qualitative evaluations. Assessments will help students to analyze, interpret, explain, synthesize, evaluate, and communicate.

Instructional Materials: Aventalearning Online Curriculum
www.aventalearning.com

Board Approval: 5/17/11 **Amended:**

Pacific View Charter School Course Outline

Course Title: Aventa Algebra 2B

Course #: 4043

Department: Mathematics

Credits: 5

Pre-requisite: Algebra 1 **2A with a C or better**

Course Description: In this course students will use their prior knowledge from previous courses to learn and apply Algebra II skills. This course will include topics such as geometry, conic sections, systems of equations, probability, and statistics. Students will apply the skills that they learn in this course to real world situations.

Student Outcome:

The student will be able to:

- 1) Understand the major topics in Algebra 2
- 2) Identify how the major topics in Algebra 2 relate to real world situations
- 3) Apply the topics in Algebra 2 to various problems
- 4) Explain how the topics in Algebra 2 relate to the greater context of mathematics
- 5) Understand and use Matrices and determinants
- 6) Solve systems of inequalities and systems of equations with two and three variables
- 7) Understand geometry of quadrilaterals, triangles and circles
- 8) Understand and solve problems involving conic sections, parabolas, circles, ellipses, and hyperbolas
- 9) Understand and apply the concepts of probability, permutations, combinations, the Binomial Theorem, statistics, and the Normal Curve
- 10) Understand and solve arithmetic sequences and series, and geometric sequences and series

Assessment:

Assessment of student outcomes will be based on student performance through examinations, assignments, and qualitative evaluations. Assessments will help students to analyze, interpret, explain, synthesize, evaluate, and communicate.

Instructional Materials: Aventalearning Online Curriculum
www.aventalearning.com

Material List: Java is needed for the embedded graphing calculator applet (GCalc). A free download is available at <http://www.java.com/en/download/>

Board Approval: 5/17/11

Amended:

10.4

Pacific View Charter School Course Outline

Course Title: Aventa Geometry B

Course #: 4041

Department: Mathematics

Credits: 5

Pre-requisite: Geometry A with a C or better

Course Description: The Geometry course is a comprehensive look at the study of geometric concepts including the basic elements of geometry, proofs, parallel and perpendicular lines, the coordinate plane, triangles, quadrilaterals, polygons, circles, trigonometry, congruence and similarity, surface area, volume and transformations.

Student Outcome:

The student will be able to:

- 1) Identify and apply the properties of circles
- 2) Prove figures are congruent
- 3) Apply transformations to various figures
- 4) Prove figures are similar
- 5) Understand and apply the Pythagorean Theorem
- 6) Understand and apply Trigonometric Functions
- 7) Calculate the surface area and volume of three-dimensional figures

Assessment:

Assessment of student outcomes will be based on student performance through examinations, assignments, and qualitative evaluations. Assessments will help students to analyze, interpret, explain, synthesize, evaluate, and communicate.

Instructional Materials: Aventalearning Online Curriculum
www.aventalearning.com

Board Approval: 5/17/11

Amended: