

Palo Alto High School Math
Textbook Standards Certification
and Adoption
2009 - 2010

Why are we changing textbooks?

How did we choose the textbooks
that needed to be changed?

How did we pick the books to
evaluate?

High School Math Textbook Comparison

School	Alg1/1A	Geom/GeomA & Geo H		Alg2 & Alg 2 Trig H		Pre Calc A & Analysis H	
Committee	Kathi, Ambika, Susan L. Radu, Jacquie	Suz, Liz M, Misha, Radu, Jacquie		Arne, Alina, Liz M Radu, Jacquie		Judy, Deanna, Liz M Radu, Jacquie	
Paly	Prentice Hall Alg1 '97 Fair/Bragg	McDougal Littell '97 Geo: Jurgensen	Moise/Downs '91	McDoug Littell 2003 Larson	Brooks Cole Swokowski 9 th Ed '97	Trig/ Foerster + Calc Morrey/Prot+ Adv Math Brown + Handout	Anton Calculus + Finite Math Lial + Supplement
Gunn	McDoug- Litt '99 Algebra 1 Larson Our MS uses the same book!	McDoug Littell '97 Geo: Jurgensen		McDoug- Litt 2003 Alg 2Larson	Addison Wesley 2005: Algebra & Trig, 3 rd Ed Bittinger	Pearson: Foley, Demana, Waits, Kennedy Precal: Graph/Num/Alg) + Lial (new edition) + Foerster + Buchanan for Analysis	
Lowell	Holt Alg 1 2007	McDoug Litt'97 Geom: Jurgensen Prentice Hall Geo next yr	Moise/Downs '91	Prentice Hall Foerster Algebra II Classics (old '91 version)		Foerster Precalc w. Trig '86 + Fuller's Analytical Geom	
Foxbury-Latin	McDoug- Litt 2000 Dolciani Alg: Str & Meth I	Moise/Downs '91		McDoug- Litt 2000 Dolciani Alg & Trig Str & Method II		Hought- Miff 2002 Dolciani: Introd Analysis (not on Cenage)	
Harker	McDoug- Litt 2000 Dolciani Alg: Structure & Method I	McDoug Littell '97 Geo: Jurgensen		McDoug- Litt 2000 Dolciani Alg & Trig Struct & Met II		Pearson: Foley, Demana, Waits, Kennedy Precal: Graph/Num/Alg	

High School Math Textbook Comparison

<p>Lynbrook</p>	<p>McDoug- Litt 2000 Dolciani Alg: Structure & Method I</p>	<p>- McDoug Littell: Geo for Enjoyment /Challenge by Rhoad 2000</p>	<p>-Algebra and Trig 1994 Addison - Wesley by Smith & Smith -Algebra 2 with Trig 1983 Harcourt by Coxford -Interactive Trig, Cenage 1997, Larson Hostetler</p>	<p>- McDoug -Litt 2003 PreCalc w Discr Math & Data Anal. Brown</p>	<p>- Trigonometry, Harcourt 1981, by Coxford. - Glencoe 2006: Adv Math Conc: PreCalc w. Appl., by Holliday \$80</p>
<p>Piedmont High</p>	<p>Prentice Hall New Alg 1 '09(identical 2004 version)</p>	<p>Prentice Hall New '09 (identical 2004 version)</p>	<p>Prentice Hall New Alg 2 '09 (identical 2004 version)No Trig</p>	<p>Glencoe 2006: Adv Math Conc: PreCalc w. Appl., by Holliday</p>	
<p>Notes:</p>	<p>-Pr Hall Alg1 Classics 2006 Foerster w T. Res \$40 - Pr. Hall Alg 1 2009 \$67 - Dolciani Alg: St & Met I w Teacher Res \$70 - Holt Alg 1 2007 \$67</p>	<p>- Jurgensen 5th Ed McDougall Littell: Ed 2006 w T Res \$71 - Geo Prentice Hall '09 \$68.50 - Moise/Downs: Some available: \$35 - McDoug Littell: Geo for Enjoyment /Challenge by Rhoad 2000 \$78</p>	<p>-Pr Hall AlgII Classics 2006 by Foerster \$40 w T Res - New Alg 2 (no trig) Pr H site\$67 -Dolciani Alg & Trig St & Met II \$73 on McD-L site w T. Res - Addison Wesley 2005: Algebra & Trig \$114 as package, from publisher</p>	<p>-Pearson: FDWK Precal:Graph/Num/ Alg = \$95 on web - McDoug -Litt 2003 PreCalc w Discr Math & Data Anal. Brown \$73 - Houg- Miff 2002 Dolciani: Introd Analysis \$75 - Key Curr: Foerster Precalc with Trig: Concepts and Applications \$79 - Glencoe 2006: Adv Math Conc: PreCalc w. Appl., by Holliday \$80</p>	

Which textbooks did we evaluate?

Books Reviewed 2008-09

(# needed based on present enrollments, textbook chosen in red)

1. Algebra 1A $178 + 22 = 200$

McDougal Littell:	Algebra 1, California Ed	Larson	2007
	Algebra 1	Larson	2001
	Algebra 1: Structure and Method 1 Classics	Dolciani	2000
Holt:	Algebra 1	Burger	2008
Pearson/Prentice Hall:	Algebra 1	Bragg	2004
	Algebra 1, CA Ed	Bragg	2009
	Algebra 1 Classics, CA Ed	Smith	2008
	Algebra 1 Classics	Foerster	2006
Glencoe/McGrawHill:	Algebra 1, CA Ed	Holliday	2005

Books Reviewed 2008-09

(# needed based on present enrollments, textbook chosen in red)

2. Algebra 2 Trig H (13)	150 + 32 = 180
Trig/Anal (22)	100 + 30 = 130

McDougall Littell:	Algebra 2, California Ed	Larson	2007
	Algebra and Trig. Structure & Method Bk2 Classics	Brown/Dolciani	2007
Thompson/Brooks Cole	Algebra and Trigonometry with Analytic Geometry, 12 th Ed.	Swokowski	2008
Holt:	Algebra 2	Schultz	2003
	Algebra 2, CA Ed	Burger	2008
Pearson/Prentice Hall:	Algebra 2	Bellman	2008
	Algebra 2 w/Trigonometry Classics	Dossey	2006
	Algebra & Trig Graphs and Models 3 rd Ed	Foerster	2006
	Alg & Trig, 4 th Ed	Bittinger	2009
Wiley:	Algebra and Trigonometry, 2 nd Edition	Cynthia Young	2007
Houghton Mifflin	Algebra and Trig, 7 th Ed.	Larson/Hostetler	2007
	College Algebra, 7 th Ed.	Larson	2007

Books Reviewed 2008-09

(# needed based on present enrollments, textbook chosen in red)

3. Pre Calc A (14)	120 + 30 = 150
Analysis H (17)	70 + 30 = 100

McDougall Littell:	Pre Calculus with Limits	Larson	2007
	Calculus 1 with Pre Calculus	Brown/Dolciani	2007
	Adv Math: Precalc w Discrete Math and Data Anal	Brown	2003
	Precalculus: A problem solving approach 6 th Ed	Cohen	2005
	Precalculus: Mathematics for Calculus, 5 th Ed	Stewart	
	Precalculus: Functions and Graphs, 4 th & 11 th Ed	Swokowski	
Thompson/Brooks Cole	Contemporary Precalculus: A Graphing Approach	Hungerford/Shaw	2009
Holt:	Precalculus: A Graphing Approach		2006
Pearson/Prentice Hall:	Pre Calculus: Deman Waits, Foley, Kennedy 7 th Ed		2007
Wiley:	Functions Modeling Change: A Preparations for Calculus	Connally/Gleason	2007
Cenage:	Precalculus:	Swokowski/Cole	2004
	Precalculus with Limits, 3 rd Ed.	Larson/Hostetler	2007
Key Curriculum:	Precalculus with Trig Concepts and Applications	Foerster	2007
Glencoe/McGraw Hill:	Advanced Math Concepts: PreCalculus w/Applic.	Holliday	2006

Books Reviewed 2008-09
 (# needed based on present enrollments, textbook chosen in red)

4. Geometry 170 + 30 = 200

McDougal Littell:	Geometry, California Ed	Larson	2007
	Geometry for Enjoyment and Challenge	Rhoad	2009
Holt:	Geometry	Burger/Chard/Ha II	2009
Pearson/Prentice Hall:	Geometry CA Ed	Bass/Carles	2008
Bedford/Freeman/Wor th	Geometry 3 rd Ed	H. Jacobs	2003
Glencoe/McGraw Hill:	Geometry	Body/Cummins	2008

How did we choose the winners?

Paly Math Textbook Committees

Algebra 1A

- **Alain Harrus, 10th gr. Geo A parent**
- **Tad Simons, 9th gr. Alg1A parent**
- **Talia Moyal, 10th grade Geom A student**
- **Elena Lockleis, 9th grade Alg1A student**
- **Ambika Nangia, teacher**
- **Kathi Bowers, teacher**
- **Susan Lee, SPED teacher**
- **Dr. Jacqueline McEvoy, Principal**
- **Radu Toma, Math Instructional Supervisor**

Geometry

- **Nick Varveris, 11th grade parent**
- **Holly Ward, 10th grade parent**
- **Natalie Lin, 11th gr Alg2 student**
- **Reed Carter, 10th grade, SpEd Geom student**
- **Suzanne Antink, teacher**
- **Misha Vereyken, teacher**
- **Susan Lee, SPED teacher**
- **Dr. Jacqueline McEvoy, Principal**
- **Radu Toma, Math Instructional Supervisor**

Who were the winners, and why?

Paly Math Textbook Purchases currently used at Gunn

Course	Textbook
Geometry/Algebra 2A	Jurgensen's Geometry
Algebra 2 & Algebra 2 Trig H and Trig/analyt A	Bittinger's Algebra 2 with Trigonometry
Pre Calculus A & Analysis H	Demana/Waits & al

The two books proposed for adoption:

Course: Algebra 1A

Textbook: Prentice Hall CA Algebra 2009

Course: Geometry

Textbook: Prentice Hall CA Geometry 2009