

La Cañada High School

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www.lcusd.net



Re: High School Math Textbook Adoption

April 3, 2018

Dear Ms. Sinnett, Mrs. Wenn, School Board Members, and LCHS Administrators,

After several months of extended research and collaboration we, the math department, have determined the best textbook for LC Math 4 is the Glencoe-McGraw Hill Precalculus text. We have examined several more textbooks and have included reviews for the Larson's Precalculus text and Demana and Waits Precalculus text.

Our decision is based on the following criteria:

1. Degree of alignment to the common core standards
2. Meets the course expectations for LC Math 4
3. Incorporates the Standards for Mathematical Practice throughout
4. An abundance of exercises for differentiated instruction
5. Easy to read for students
6. The availability and quality of teacher, student, and parent resources
7. Cohesive transition from the LC Math 3/LC Math 3 Advanced text

The Glencoe-McGraw Hill textbook is best suited for the freedom we need to tell our own math story. We hope to move the adoption process forward so that we may begin using the textbook for the 2018-2019 school year. This is an essential piece for our department since it will help unite and ensure cohesion among teachers in the same PLC group, enforce the necessary vertical alignment within the high school, and support the ability for a smooth transition among the new teachers who will teach this course in the upcoming years.

Thank you for your time and consideration.

Respectfully submitted by,

Cindy Calm
La Cañada High School
Math Department Chairman
AP Math Teacher

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: LA CANADA HIGH SCHOOL Grade Level: 11-12

Textbook: CARTER, LUEVOS ET AL GLENCOE PRECALCULUS MCGRAW-HILL
Author Title Publisher

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.	✓				3
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.		✓			2
User Friendly Format	✓				3
Appropriate for students with special needs and English learners		✓			2
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				24

COMMENTS: (Use reverse side if necessary.)

1/23/18 Bob Huson BOB HUSON
Date Signature Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: La Cañada High School / Grade Level: 11-12
 Textbook: Carter, Cuevas, et al. Glencoe Precalculus McGraw Hill Education
Author Title Publisher

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.		✓			3
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.		✓			2
User Friendly Format	✓				3
Appropriate for students with special needs and English learners		✓			2
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				24

COMMENTS: (Use reverse side if necessary.) Same textbook series as our LC Math 1 and Math 3 textbooks.

1/23/18 [Signature] M. English
Date Signature Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: LA CAÑADA H.S. Grade Level: 11-12

Textbook: CAPTER, CUERVOS GUENCOS PRECALCULUS MCGRAW HILL
Author Title Publisher
ET AL

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.	✓				3
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.		✓			2
User Friendly Format	✓				3
Appropriate for students with special needs and English learners		✓			2
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				24

COMMENTS: (Use reverse side if necessary.) END OF CHAPTER INCLUDES CONNECTIONS TO AP CALCULUS.

1/23/18 C. Calm CINDY CALM
Date Signature Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: LA CANADA HIGH SCHOOL Grade Level: 11-12

Textbook: LARSON PRECALCULUS CENGAGE LEARNING 10th EDITION

Author

Title

Publisher

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.			✓		1
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.			✓		2
User Friendly Format	✓				3
Appropriate for students with special needs and English learners		✓			2
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				22

COMMENTS: (Use reverse side if necessary.) NO LIMITS, WEAK ON CIRCLES

1/23/18

Date

Bob Huson

Signature

BOB HUSON

Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: La Cañada High School Grade Level: 11-12
 Textbook: Larson Precalculus 10th edition CENGAGE Learning
Author Title Publisher

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.		✓			3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.			✓		1
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.			✓		1
User Friendly Format	✓				3
Appropriate for students with special needs and English learners		✓			2
Other (specify)					
OVER-ALL RATING OF TEXTBOOK		✓			21

COMMENTS: (Use reverse side if necessary.) no limit notation, weak on circles

1/23/18
Date

[Signature]
Signature

M. English
Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: LA CAÑADA H.S. Grade Level: 11-12

Textbook: LARSON PRECALCULUS ENGAGE
Author Title Publisher LEARNING

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.		✓			2
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.		✓			2
User Friendly Format	✓				3
Appropriate for students with special needs and English learners		✓			2
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				23

COMMENTS: (Use reverse side if necessary.)

4/3/18
Date

C. Calm
Signature

CINDY CALM
Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: LA CANADA HIGH SCHOOL Grade Level: 11-12

Textbook: DEMANA, WAITS ET AL PRECALCULUS PEARSON 9th EDITION
Author Title Publisher

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.		✓			2
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
Opportunities for Deeper Learning: Think critically and solve complex problems; Work collaboratively; Communicate effectively; Learn how to learn; Reason abstractly; Construct viable arguments and critique the reasoning of others; Apply discrete knowledge and skills to real-world situations; Construct, use, or analyze models.	✓				3
User Friendly Format		✓			2
Appropriate for students with special needs and English learners			✓		1
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				22

COMMENTS: (Use reverse side if necessary.)

1/23/18
Date

Bob Huson
Signature

BOB HUSON
Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: La Cañada High School Grade Level: 11-12
 Textbook: Demana, Warts, et al. Precalculus - Graphical, N, 9th ed. Pearson
Author Title Publisher

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.		✓			2
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
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User Friendly Format		✓			2
Appropriate for students with special needs and English learners			✓		1
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				21

COMMENTS: (Use reverse side if necessary.)

1/23/18
Date

W. English
Signature

M. English
Print Name

LA CAÑADA UNIFIED SCHOOL DISTRICT

TEXTBOOK RATING FORM

School: LA CAÑADA H.S. Grade Level: 11-12
 Textbook: DEMANNA PRECALCULUS PEARSON
Author Title Publisher
WAITS, ET AL

	3 Superior	2 Strong	1 Limited	0 Very Weak	Score
Degree of Alignment to Standards: Rate the degree in which the textbook actually aligns to the CCSS.	✓				3
Quality of Explanation of the Subject Matter: Rate how thoroughly the subject matter is explained or otherwise revealed in the textbook.	✓				3
Utility of Materials Designed to Support Teaching: Evaluates the potential utility of an object at the intended grade level for the majority of instructors.	✓				3
Quality of Assessments: Evaluates materials designed to determine what a student knows before, during, or after a topic is taught.		✓			2
Quality of Technological Interactivity: Rates the degree and quality of the interactivity of that component.		✓			2
Quality of Instruction and Practice Exercises: Evaluates materials that contain exercises designed to provide an opportunity to practice and strengthen specific skills and knowledge.	✓				3
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User Friendly Format		✓			2
Appropriate for students with special needs and English learners			✓		1
Other (specify)					
OVER-ALL RATING OF TEXTBOOK	✓				22

COMMENTS: (Use reverse side if necessary.)

4/3/18
Date

CALM
Signature

CINDY CALM
Print Name