

Contemposities of the Distance Grade 8 Mathematics

2012 Mathematics TEKS

Teacher Edition

(TT)region4°

Closing the Distance: Grade 8 Mathematics

Teacher Edition

Product ID: 407-1880

Region 4 Education Service Center supports student achievement by providing educational products and services that focus on excellence, service, and children.

Published by Region 4 Education Service Center 7145 West Tidwell Road Houston, Texas 77092-2096 www.esc4.net

© 2016 by Region 4 Education Service Center. All rights reserved. Except as permitted under the United States Copyright Act of 1976, no part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of the publisher.

ISBN-13: 978-1-937403-87-4

Printed in the United States of America

Acknowledgments

Region 4 Education Service Center would like to acknowledge the talent and expertise of those who contributed to the development of this book. Their dedication to our core values of excellence in service for children made possible the creation of this resource to assist educators in providing quality, effective instruction for all students.

AuthorsDesign TeamSana BrennanDave MartinezSherry OlivaresYvette HenryJulie HornPatti NicodemoShelley Bolen-AbbottSharon Benson, Ed.D.

Table of Contents

Introduction i-x	x
What is <i>Closing the Distance</i> ?ii	ii
What is in a lesson found in <i>Closing the Distance</i> ?	X
Ordering Real Numbers	2
Lesson Notes 2-4	4
Small-Group Intervention Suggestions	6
Answer Keys	2
Activity Masters and Student Pages Digital Acces	s
Linear Relationships	4
Lesson Notes	6
Small-Group Intervention Suggestions	8
Answer Keys	4
Activity Masters and Student Pages Digital Acces	S
Equations and Inequalities	7
Lesson Notes	8
Small-Group Intervention Suggestions	0
Answer Keys	7
Activity Masters and Student Pages Digital Acces	s
Slope and v-Intercept	2
Lesson Notes	2
Small-Group Intervention Suggestions	4
Answer Keys	2
Activity Masters and Student Pages Digital Acces	s
Dilations	5
Lesson Notes	6
Small-Group Intervention Suggestions	8
Answer Keys	6
Activity Masters and Student Pages Digital Access	s
Bythagoroan Theorom 67–70	a
Lesson Notes 68-70	2 N
Small-Group Intervention Suggestions 71_7	ך כ
Answer Keys	9
Activity Masters and Student Pages	s

Surface Area and Volume Lesson Notes Small-Group Intervention Suggestions	81-93
Answer Keys Activity Masters and Student Pages	Digital Access
Transformations	
Lesson Notes	96-99
Small-Group Intervention Suggestions	
Answer Keys	
Activity Masters and Student Pages	Digital Access
Trend Lines	115–130
Trend Lines Lesson Notes	 115–130
Trend Lines Lesson Notes Small-Group Intervention Suggestions	 115–130
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys	 115–130
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys Activity Masters and Student Pages	115–130 116–118 119–120 121–130 Digital Access
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys Activity Masters and Student Pages	115–130 116–118 119–120 121–130 Digital Access
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys Activity Masters and Student Pages Simple and Compound Interest	115–130 116–118 119–120 121–130 Digital Access 131–144
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys Activity Masters and Student Pages Simple and Compound Interest Lesson Notes	115–130 116–118 119–120 121–130 Digital Access 131–144 132–134
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys Activity Masters and Student Pages Simple and Compound Interest Lesson Notes Small-Group Intervention Suggestions	115–130 116–118 119–120 121–130 Digital Access 131–144 132–134 135–137
Trend Lines Lesson Notes Small-Group Intervention Suggestions Answer Keys Activity Masters and Student Pages Simple and Compound Interest Lesson Notes Small-Group Intervention Suggestions Answer Keys	115–130 116–118 119–120 Digital Access 131–144 132–134 135–137 138–144



A resource that serves as an intervention for students who are close to success on the State of Texas Assessments of Academic Readiness (STAAR $^{(8)}$)



A resource that integrates related TEKS to provide a review of mathematics concepts and skills, paired with opportunities for rigorous mathematical discourse



A resource of classroom-ready 5E activities that keeps students engaged in a positive, productive manner through strategies, including modeling, card sorts, matching, cooperative learning, and analysis of student work



A resource that provides an opportunity for students to track their progress with an analysis of strengths and areas to improve within each lesson



A resource that includes a pre-assessment to provide teachers and students quick and timely information on student readiness for the activities in the lesson and identifies students that may benefit from a small-group intervention setting



A resource that includes teacher-led interventions for students who may struggle with specific content





v

What is in a lesson found in Closing the Distance?







