COMPREHENSIVE

Health Skills for High School

Catherine A. Sanderson, PhD

Professor of Psychology Amherst College Amherst, Massachusetts

Mark Zelman, PhD

Professor of Biology Aurora University Aurora, Illinois

Pedagogy Developers

Diane Farthing, NBCT

Health Educator Murrieta, California

Melanie Lynch, M.Ed.

Health Education Specialist Pittsburgh, Pennsylvania

Melissa Munsell

Instructional Specialist in Physical Education and Health San Antonio, Texas

Publisher

The Goodheart-Willcox Company, Inc.

Tinley Park, Illinois www.g-w.com

Copyright © 2025 by The Goodheart-Willcox Company, Inc.

Previously published as Comprehensive Health Skills, Comprehensive Health

Previous editions copyright 2023, 2021, 2018, 2015

All rights reserved. No part of this work may be reproduced, stored, or transmitted in any form or by any electronic or mechanical means, including information storage and retrieval systems, except as permitted by U.S. copyright law, without the prior written permission of The Goodheart-Willcox Company, Inc.

ISBN 979-8-88817-881-2

1 2 3 4 5 6 7 8 9 - 25 - 28 27 26 25 24 23

The Goodheart-Willcox Company, Inc. Brand Disclaimer: Brand names, company names, and illustrations for products and services included in this text are provided for educational purposes only and do not represent or imply endorsement or recommendation by the author or the publisher.

The Goodheart-Willcox Company, Inc. CDC Disclaimer: The use of materials from the CDC (Centers for Disease Control and Prevention) used in Goodheart-Willcox textbooks and supplements does not imply endorsement or recommendation by the CDC, ATSDR (Agency for Toxic Substances and Disease Registry), HHS (Department of Health and Human Services), or the United States Government for the content, products, or services contained in Goodheart-Willcox print or digital publications. Materials from the CDC are also available at http://www.cdc.gov free of charge.

The Goodheart-Willcox Company, Inc. Safety Notice: The reader is expressly advised to carefully read, understand, and apply all safety precautions and warnings described in this book or that might also be indicated in undertaking the activities and exercises described herein to minimize risk of personal injury or injury to others. Common sense and good judgment should also be exercised and applied to help avoid all potential hazards. The reader should always refer to the appropriate manufacturer's technical information, directions, and recommendations; then proceed with care to follow specific equipment operating instructions. The reader should understand these notices and cautions are not exhaustive.

The publisher makes no warranty or representation whatsoever, either expressed or implied, including but not limited to equipment, procedures, and applications described or referred to herein, their quality, performance, merchantability, or fitness for a particular purpose. The publisher assumes no responsibility for any changes, errors, or omissions in this book. The publisher specifically disclaims any liability whatsoever, including any direct, incidental, consequential, special, or exemplary damages resulting, in whole or in part, from the reader's use or reliance upon the information, instructions, procedures, warnings, cautions, applications, or other matter contained in this book. The publisher assumes no responsibility for the activities of the reader.

The Goodheart-Willcox Company, Inc. Internet Disclaimer: The Internet resources and listings in this Goodheart-Willcox Publisher product are provided solely as a convenience to you. These resources and listings were reviewed at the time of publication to provide you with accurate, safe, and appropriate information. Goodheart-Willcox Publisher has no control over the referenced websites and, due to the dynamic nature of the Internet, is not responsible or liable for the content, products, or performance of links to other websites or resources. Goodheart-Willcox Publisher makes no representation, either expressed or implied, regarding the content of these websites, and such references do not constitute an endorsement or recommendation of the information or content presented. It is your responsibility to take all protective measures to guard against inappropriate content, viruses, or other destructive elements.

Image Credits. Front cover: Odua Images/Shutterstock.com, Xavier Lorenzo/Moment via Getty Images, SeventyFour/Shutterstock.com,
Halfpoint Images/Moment via Getty Images
White background element: Buntoon Rodseng/Shutterstock.com

About the Authors

Catherine A. Sanderson is the Poler Family Professor of Psychology at Amherst College. She received a bachelor's degree in psychology, with a specialization in Health and Development, from Stanford University, and received both master's and doctoral degrees in psychology from Princeton University. Professor Sanderson's research examines how personality and social variables influence health-related behaviors, such as safer sex and disordered eating. Her research also examines the development of persuasive messages and interventions to prevent unhealthy behavior and predictors of relationship satisfaction. This research has received grant funding from the National Science Foundation and the National Institutes of Health. Professor Sanderson has published more than 25 journal articles and book chapters; four college textbooks; high school and middle school health textbooks; and a trade book, The Positive Shift, which examines how mind-set influences happiness, health, and even how long people live. Her latest book, Why We Act: Turning Bystanders into Moral Rebels, examines why good people often stay silent or do nothing in the face of wrongdoing. In 2012, she was named one of the country's top 300 professors by the Princeton Review.

Mark Zelman is a Professor of Biology at Aurora University, Aurora, Illinois. He received a bachelor's degree in biology from Rockford College. He received a PhD in microbiology and immunology from Loyola University of Chicago and completed a postdoctoral fellowship at the University of Chicago. Dr. Zelman's research focuses on prevention and control of infectious diseases, mechanisms of antibiotic resistance, and community factors affecting public health. He teaches science education courses for high school teachers. He has published articles on microbiology, infectious disease, autoimmune disease, and biotechnology, and he has written two college texts on human diseases and infection control. Dr. Zelman works with the West Africa AIDS Foundation in Ghana and other public health projects in the US and abroad. He is an officer of the Illinois State Academy of Sciences and Editor-in-Chief of the Academy's scientific journal, *Transactions*.

Pedagogy Developers

Diane Farthing received her bachelor's degree and teaching credentials from Kent State University in Ohio. She taught health education for 16 years at a continuation school, five years at the middle-school level, and 17 years at Amador Valley High School in Pleasanton, California. In 2010, she became a National Board Certified Teacher, recertifying in 2020. She is a strong believer in the power of collaboration. She spent seven years on the leadership team for the Bay Area Physical Education-Health Subject Matter Project, designing and delivering professional development institutes. In 2014, she took on the role of Health Program Director for the Health and Physical Education Collaborative (H-PEC), a nonprofit organization dedicated to helping teachers develop physical and health literacy in their students. Diane helped write the Health Education Curriculum Framework for California Public Schools. She is the 2019 California Association for Health, Physical Education, Recreation, and Dance (CAHPERD) Health Teacher of the Year and the 2020 SHAPE America Western District Teacher of the Year.

Melanie Lynch is an experienced teacher with almost 30 years in the classroom. She spent the first 21 years of her career specializing in teaching only health education. She now teaches health and physical education in Pittsburgh, Pennsylvania, at North Allegheny Intermediate High School. She has served as Vice President of Health Education for SHAPE Pennsylvania for five years and served as their President in 2016. Also in 2016, SHAPE America named Melanie the National Health Education Teacher of the Year. Melanie's love of working with students and her creative, skills-based lesson ideas have taken her all over the country, where she has spoken to thousands of teachers. Melanie is grateful to work, learn, and grow with so many amazing teachers.

Melissa Munsell worked as an instructional specialist in the Physical Education and Health Department at North East Independent School District in San Antonio, Texas. She served as the K–12 Health Education Lead for the district. Melissa received a bachelor's degree in kinesiology from The University of Texas at Austin and is certified to teach Physical Education K–12 and Health Education 6–12, among other endorsements, in the state of Texas. She has 28 years of teaching and administrative experience, including six years teaching health education at the high-school level. Melissa has also served as vice president of the Health Division and General Division of the Texas Association for Health, Physical Education, Recreation, and Dance (TAHPERD) and presents workshops and lectures on various health topics locally and statewide.

Contributors and Reviewers

Contributors

Goodheart-Willcox Publisher would like to thank the following classroom instructors who contributed to the development of the *Warm-Up Activities* and *Health and Wellness Skills*.

Michael A. Cleffi, II

Health and Physical Education Instructor Bethlehem Area School District Bethlehem, Pennsylvania

Haillie Bell

Health and Physical Education Instructor Sherman E. Burroughs High School Ridgecrest, California

Kathryn Smith, MAT

Family and Consumer Sciences Instructor Issaquah High School Issaquah, Washington

Advisory Board

Goodheart-Willcox Publisher would like to thank the following advisory board members who provided guidance in the development of *Comprehensive Health Skills for High School*.

Haillie Bell

Health and Physical Education Instructor Sherman E. Burroughs High School Ridgecrest, California

Melanie Busch

Health and Physical Education Instructor Homestead High School Fort Wayne, Indiana

Cyndi Cain

Health Education Instructor Champlin Park High School Champlin, Minnesota

Amelia Chandler

Health Instructor Anaheim Union High School District Anaheim, California

Kimberly Clay

Health Instructor Park Hill School District Kansas City, Missouri

Kelly Dodd

Health Instructor Park Hill School District Kansas City, Missouri

Stephanie Eliasen

Health Instructor Bondurant-Farrar Junior High School Bondurant, Iowa

Kat Gratz

Health Instructor Columbus East High School Columbus, Indiana

Hilary Machemer

Health and Physical Education Instructor Carmel Clay School District Carmel, Indiana

Stephanie Neff

Health Instructor Washington High School Cedar Rapids, Iowa

Christina Olson

Health Education Instructor Champlin Park High School Champlin, Minnesota

Kyle Petty

Health Instructor Washington Liberty Arlington, Virginia

Caitlin Provance

Curriculum Coordinator Lincoln Public Schools Lincoln, Nebraska

Jamie Sebring

Wellness Instructor Taft Middle School Cedar Rapids, Iowa

Leah Swedberg

Health Instructor West Fargo High School West Fargo, North Dakota

Cynthia Terrell

Healthful Living Instructor Wakefield High School Raleigh, North Carolina

Sarah Van Berkum

Health Instructor Anaheim Union High School District Anaheim, California

Professional Reviewers

Goodheart-Willcox Publisher would like to thank the following health professionals who reviewed selected lessons and contributed valuable input into the development of *Comprehensive Health Skills for High School*.

Kelsey Banaszynski

Food Scientist, Research & Innovation Danone North America Louisville, Colorado

Kathy Barnes, Ed.D.

Educational Consultant Texas

Jennifer Carroll, MSW

Resource Development Manager National Eating Disorders Association (NEDA) New York, New York

Maryann Y. Davis, CATC II

Addiction Counselor and Mental Health Program Technician The Gooden Center Pasadena, California

Michael Dorcas

Registered Pharmacist Apple Valley, Minnesota

Pam Garramone, M.Ed.

Positive Psychology Keynote Speaker Wholebeing Institute Quincy, Massachusetts

Shawn V. Giammattei, PhD

Psychologist Quest Family Therapy Santa Rosa, California

Heidi Hanna, PhD

CEO, Stress Mastery Academy; Fellow, American Institute of Stress Stress Mastery Academy San Diego, California

Deb Kimberlin, PhD, RDN, LDN

Associate Professor Olivet Nazarene University Bourbonnais, Illinois

Linnea L. Mavrides, PsyD, CGP

Clinical Psychologist, Adjunct Professor LIU-Post Brookville, New York

Merle Wilder

High School Counselor Belleville East High School Belleville, Illinois

Instructor Reviewers

Goodheart-Willcox Publisher would like to thank the following health education instructors who reviewed selected lessons and contributed valuable input into the development of *Comprehensive Health Skills for High School*.

Lindsay Armbruster

Health Education Teacher Burnt Hills-Ballston Lake Central School District Burnt Hills, New York

Trish Armstrong

Health Educator Northampton High School Northampton, Massachusetts

Karen Asbell

Health Instructor St. Charles School District St. Charles, Missouri

Michael Bargas

Health Education Instructor Estancia High School Costa Mesa, California

Tempe Beall

Instructional Facilitator, Health Education Howard County Public School System Ellicott City, Maryland

Kyle Bell

Health/Physical Education Instructor Canyon High School Anaheim Hills, California

Cheryl Berude

Dual Credit Instructor/ Health Science Pathway Boerne-Champion High School Boerne, Texas

Susie Blucher

Health Instructor Tejeda Middle School San Antonio, Texas

Andrew Bonsall

Health Science Instructor and Physical Educator Marina High School Huntington Beach, California

Kelly Brown

Health Instructor Marriotts Ridge High School Marriottsville, Maryland

Margaret Brown

Health Educator Deerfield Academy Deerfield, Massachusetts

Amanda Browning

Health and Physical
Education Instructor
Weaver Academy, Guilford
County Schools
Greensboro, North Carolina

Dr. Graciela Lea Bryant

Health Educator Huntsville High School Huntsville, Alabama

Kim Cherre

Health/Physical Education Department Chair Cary Academy Cary, North Carolina

Dominique Clarke

Physical Education Instructor First Coast High School Jacksonville, Florida

Bryan Cromer

Instructor, Coach Panther Creek High School Cary, North Carolina

Maureen T. Delaney

Assistant Principal Bowie High School Bowie, Maryland

Sara Fiorini

Health and Physical Education Instructor Arlington Public Schools Arlington, Virginia

Susan Gabin

Health Educator Frontier High School Bakersfield, California

Dr. Stacy Germany

Health Science Educator Westwood High School Austin, Texas

Sarah Gershon

Health Instructor Deerfield High School Deerfield, Illinois

Kyle Gilmer

Physical Education Upper School Instructor Greensboro Day School Greensboro, North Carolina

Frith Gladdis

Health Instructor El Sereno High School Fair Oaks, California

Dr. Cara D. Grant

Supervisor, PreK-12 Health and Physical Education Montgomery County Public Schools Rockville, Maryland

Theron Gustafson

Health Instructor Wasatch High School Heber City, Utah

Glenn Hagood

Health and Physical Education Chair St. John Paul II Catholic High School Huntsville, Alabama

Lori Hewlett

Chairperson for Health Education Sachem Central School District Lake Ronkonkoma, New York

Michelle Ifill-Roseau

Health Instructor White Plains City School District White Plains, New York

Mary Irilian

Health Instructor Hart High School Newhall, California

Kellie A. Johnson

Assistant Athletic Coordinator, Health Instructor LEE High School San Antonio, Texas

Beth Kahn

Health Instructor North Salinas High School Salinas, California

Donine Kelly

Wellness Department Chair Hamburg Area High School Hamburg, Pennsylvania

Katie Laraway

Healthful Living Instructor Raleigh Charter High School Raleigh, North Carolina

Jessica Matheson

Health and Physical Education Instructor Rockford High School Rockford, Minnesota

Rachael McClure

Health Instructor Pelham High School Pelham, Alabama

Kayla McGee

Health Instructor Oxford Hills Comprehensive High School South Paris, Maine

Lori Mediate

Health Education Coordinator Fairfield Public Schools Fairfield, Connecticut

Lisa Mellentine

High School Health Instructor Auburn High School Rockford, Illinois

Jolene Meza

Instructor Cleveland Charter High School Reseda, California

Haillie Moudy

Health and Physical Education Instructor Sierra Sands Unified School District Ridgecrest, California

Heather R. Perrigan

Professional Health Educator Corvallis High School Corvallis, Oregon

Mary Record

High School Health Instructor Scarborough High School Scarborough, Maine

Dr. Chuck Rhoades

Health Instructor Portsmouth High School Portsmouth, New Hampshire

Tracey Rudnick

Health Instructor Bradley Middle School San Antonio, Texas

Julia Russell

Health Instructor South Tahoe High School South Lake Tahoe, California

Nancy H. Searle

Health Instructor McCallum High School Austin, Texas

Bill Shandor

Director of Athletics/Physical Education Instructor Desert Academy Santa Fe, New Mexico

Bo Shappell

Health and Physical Education Teacher Daniel Boone Area High School Birdsboro, Pennsylvania

Lindsay Slater

Health Instructor Huffman High School Birmingham, Alabama

Shasta Smith

Health Education Instructor Sitka High School Sitka, Alaska

Cynthia Smyser

Science and Health Instructor University of Illinois Laboratory High School Urbana, Illinois

Leah Swedberg

Health Instructor West Fargo High School West Fargo, North Dakota

Lyle Takeshita

Health Instructor Temple City High School Temple City, California

Delia Thibodeaux

Health Instructor Westside High School Houston, Texas

James Tulley

Health Education Instructor Scarsdale High School Scarsdale, New York

Deb Van Klei

QCOMP Coordinator Stillwater Area Public Schools Stillwater, Minnesota

Julie Woodruff

Health Science Technology Instructor Champion High School Boerne, Texas

Brief Contents

Module 1	Health Fundamentals and Skills	1
Module 2	Building Mental and Emotional Health	77
Module 3	Stress, Mental Health Conditions, and Coping Strategies	139
Module 4	Food, Nutrition, and Physical Activity	197
Module 5	Tobacco, Alcohol, and Other Drugs	.253
Module 6	Safety	. 327
Module 7	Personal Health and Wellness	391
Module 8	Social Health	.465
Module 9	Violence	501
Module 10	Human Development and Sexuality	.545
Module 11	STIs and Pregnancy	611
Module 12	Pregnancy Prevention	651

Contents

Module 1	Health Fu	ndamentals and Skills
	Lesson 1.1	What Are Health and Wellness?
	Lesson 1.2	Individual Factors Affecting Health and Wellness
	Lesson 1.3	Environmental Factors Affecting Health and Wellness
	Lesson 1.4	Making Decisions and Setting Goals
	Lesson 1.5	Using Health Information31
	Lesson 1.6	Accessing Health Services39
	Lesson 1.7	Advocating for Community and Public Health 46
	Lesson 1.8	Communicating Effectively
	Lesson 1.9	Resolving Conflicts 63
	Lesson 1.10	Resisting Pressure
Module 2	Building M	lental and Emotional Health77
	Lesson 2.1	Mental and Emotional Health and Well-Being 78
	Lesson 2.2	Embracing Your Identity88
	Lesson 2.3	Building Your Self-Esteem98
	Lesson 2.4	Improving Your Body Image
	Lesson 2.5	Expressing Your Emotions
	Lesson 2.6	Establishing a Positive Mindset
	Lesson 2.7	Developing Empathy and Resilience
Module 3	Stress, Me	ntal Health Conditions, and Coping Strategies 139
	Lesson 3.1	Understanding Stress and Other Adverse Events 140
	Lesson 3.2	Coping Strategies for Stress and Other Events 151
	Lesson 3.3	What Are Mental Illnesses?
	Lesson 3.4	Disordered Eating and Eating Disorders
	Lesson 3.5	Getting Help for Mental Illnesses
	Lesson 3.6	Preventing Suicide and Coping with Grief
Module 4	Food, Nut	rition, and Physical Activity197
	Lesson 4.1	What Is Nutrition?
	Lesson 4.2	Having a Healthy Eating Pattern
	Lesson 4.3	Choosing and Preparing Nutritious Foods
	Lesson 4.4	Understanding Physical Activity and Fitness
	Lesson 4.5	Getting Enough Physical Activity

Module 5	Tobacco,	Alcohol, and Other Drugs	253
	Lesson 5.1	Safe Medication Use	254
	Lesson 5.2	Medication Misuse and Abuse	261
	Lesson 5.3	Health Effects of Vaping and Tobacco	271
	Lesson 5.4	Health Effects of Alcohol	285
	Lesson 5.5	Other Drug Misuse	297
	Lesson 5.6	Preventing and Treating Substance Use, Misuse, and Abuse.	312
Module 6	Safety		327
	Lesson 6.1	Preventing Accidents and Injuries	
	Lesson 6.2	Providing First Aid	
	Lesson 6.3	Handling Dangerous Situations	
	Lesson 6.4	Being Safe on the Internet	
	Lesson 6.5	Understanding the Environment	
	Lesson 6.6	Protecting Your Environment	
Module 7	Personal I	Health and Wellness	391
	Lesson 7.1	Personal Hygiene	
	Lesson 7.2	Getting Enough Sleep	
	Lesson 7.3	What Causes Diseases?	
	Lesson 7.4	Recognizing Communicable Diseases	
	Lesson 7.5	Preventing and Treating Communicable Diseases	
	Lesson 7.6	Cardiovascular Diseases	
	Lesson 7.7	Cancer	
	Lesson 7.8	Other Noncommunicable Diseases	
Module 8	Social Ho	alth	165
Wodule 6	Lesson 8.1	Qualities of a Healthy Relationship	
		·	
	Lesson 8.2 Lesson 8.3	Supporting Family and Community Relationships	
		Developing Peer Relationships	
	Lesson 8.4	Understanding Romantic Relationships	491

Module 9	Violence		501
	Lesson 9.1	Bullying and Cyberbullying	502
	Lesson 9.2	Sexual Harassment and Assault	514
	Lesson 9.3	Abuse and Neglect	. 526
	Lesson 9.4	Violence in the Community	536
Module 10	Human De	evelopment and Sexuality!	545
	Lesson 10.1	The Male Reproductive System	546
	Lesson 10.2	The Female Reproductive System	552
	Lesson 10.3	Conception, Pregnancy, and Birth	. 562
		Understanding Development	
	Lesson 10.5	Adolescence and Puberty	. 582
	Lesson 10.6	Aspects of Sexuality	. 589
	Lesson 10.7	Practicing Sexual Abstinence	. 599
Module 11	STIs and F	Pregnancy	.611
		Common STIs	
	Lesson 11.2	HIV/AIDS	625
	Lesson 11.3	Preventing and Treating STIs	633
	Lesson 11.4	Teen Pregnancy and Parenthood	641
Madula 12	Duanana	Prevention	C = 4
Module 12	,		
		What Is Contraception?	
		Barrier Methods	
		Hormonal Methods	
	Lesson 12.4	Natural Methods and Sterilization	673
	Glossary/Glo	osario	680
	Index		713

Feature Contents

Case Studies

The Interactions of Your Health	3
Stressed, Sick, and Now What?	13
Good Information Enables a Good Decision	27
Health Resources: What Are Available and How to Access Them	41
Handling Poor Communication	60
Peer Pressure in Action	74
Developing Your Own Identity	90
Who You Are	95
How Do I Look?	106
Social Media Envy	125
Stressful Situations	153
Struggling with How You Look	174
Mental Health Medical Record Profiles	182
Individual Dietary Needs	218
Getting More Physical Activity	240
The Reality of Medication Abuse	258
Prescription Problems	263
"Just" a Vape	273
The Impact of Alcohol	291
Staying Safe	
Navigating Life Online	364
Environmental Impact	
Blocking Germs Every Day	434
Understanding Risk	
Dealing with Illness	462
Dating Dilemmas	498
Rumors: A Harmless Story?	
Getting to the Facts	548
Feeling Comfortable with Who I Am	586
The LGBTQ+ Community	593
A Vaccine for an STI	620
Parenting Challenges	644
Is That Really True?	654

Research in Action

Teen Mental Health During the COVID-19 Pandemic	7
Debunking Health Claims	
The Magic Relationship Ratio	65
Technology and Your Mental and Emotional Health	84
Resilience's Lasting Power	
Can Stress Be Passed Through Generations?	145
Mental Illnesses: Biology and Psychology	162
How Do Emotions Affect Your Food Choices?	222
Physical Activity and Mental and Emotional Health	233
Tobacco Use and Risky Behaviors	
Your Brain on Drugs	
Co-Occurring Disorders: Substance Use and Mental Health	
Which Substances Are Carcinogens?	379
Noise-Related Hearing Loss	
Blue Light and Circadian Rhythm	407
Combating Antibiotic Resistance	438
At-Home Cancer Tests	454
How Close Are Online Friendships?	486
Do Violent Video Games Cause Violence?	505
The Adolescent Brain	585
Children of Same-Sex Parents	596
Point-of-Care Testing and Diagnosis for STIs	616
Reducing Teen Pregnancies and STIs	642
Male Hormonal Contraceptives	670
Local and Global Health	
Perceptions and Norms: The Impact on Health	
Challenges to Accessing Healthcare	
Culture Affects Communication	
Everyone Has a Cultural Identity	93
The Thin Ideal Is Not Universal	
Describing Happiness Around the World	134
Are Some Countries More Stressful Than Others?	
Perceptions of Mental Illnesses	185
Undernutrition: A Global Problem	
Impact of the COVID-19 Pandemic on Substance Use	267
Consequences of Alcohol Use	

Water and Sanitation The Unequal Burden of Communicable Disease Promoting Health with Self-Care Parents and Children Around the World Human Trafficking: A Worldwide Issue Cervical Cancer Screening Improving Healthcare for People Who Are Pregnant	414 422 477 541 558 568
HIV/AIDS Stigma, Testing, and Treatment The Impact of the Pill	
Health in the Media	
How Has Technology Affected Health? Analyzing Health Advertisements The Power of Virtual Peer Pressure Fear of Missing Out (FOMO) Editing and Airbrushing Media Images The Rapid Spread of Negative Emotions Can Social Media Cause Stress? Media Representations of Suicide Be Wary of Celebrity Endorsements Choosing Fitness Products	33 73 101 110 116 143 190 225
Tobacco in the Media: Then and Now. Drugs and Your Digital Footprint Social Media Challenges and Dares The Hidden Costs of Cheap Goods Using Technology to Improve Sleep The Health Hazards of Misinformation	275 301 331 385 408
Social Media and Disease Media Relationships: Healthy or Unhealthy? The Hazards of Rape Culture. Disabilities in the Media. Portrayal of Sex in the Media. Conversations About Sexual Activity. Teen Pregnancy in the Media. Media Messages About Contraception	471 518 574 602 635 649

Skills for Health and Wellness

What Factors Affect Your Health?	22
	∠∠
Creating a Health Management Plan	44
Solve a Conflict with a Friend	68
Shifting to Positive Self-Talk	128
Trying Relaxation Techniques	158
Helping a Friend with Disordered Eating	172
Helping a Friend Who Is Considering Suicide	194
Weight and Nutrition	211
Following a Recipe	227
Making a Physical Activity and Fitness Plan	
Reporting Substance Use	268
Refusing Substances	320
Helping Someone with a Substance Use Disorder	325
Promoting an Online Environment of Respect	359
Donating Used Belongings	387
Help Prevent the Spread of Disease	436
Promote Heart Health	446
Being an Upstander and Ally	506
Understanding Sexual Health Services	
Working Through Grief	580
Use the Decision-Making Process: Sexual Activity	608
Promoting Awareness About STIs	
Answering Questions About Your Sexual Health	661
Health Across the Life Span	
Treatti Across the Life Spair	
How Does Mindset Affect Aging?	123
Steps to a Healthier Life	237
The Consequences of Drunk Driving Do Not Go Away	295
Building a Road Map for Healthy Relationships	496
The Aging Process	579

To the Student

Cathe A. Jardan Mark Zelman

We wrote this exciting textbook for high school health and wellness classes based on our experiences as professors of psychology (Catherine Sanderson) and biology (Mark Zelman), and as the accomplished authors of high school and college-level textbooks. Our backgrounds give us a deep well of knowledge of the most current scientific theory and research to draw from.

Perhaps the most valuable experience we had in preparing us to write this book is our roles as parents to a combined total of seven children, ages 15 through 30. After all, in writing this book, we both reflected frequently on our experiences as parents and our goal of ensuring that our own children maintain excellent physical, mental and emotional, and social health.

This book includes all of the standard topics found in high school health and wellness books—including self-talk, self-compassion, and self-care; body positivity, neutrality, and compassion; health effects of vaping; medication and drug abuse (including opioids); digital citizenship and personal digital footprint; how social media affects physical, mental and emotional, and social health; and healthy relationships. We wanted our book to give high school students the most current health information, presented in an engaging writing style so students would enjoy reading the book. We included a focus on practical health skills that young people can use to develop and promote positive health and wellness habits throughout their lives.

In this new edition, we include information about the COVID-19 pandemic, including the characteristics of a pandemic, controlling disease outbreaks, and disease prevention. We also discuss the influence of stress, such as experiencing a global pandemic, on health and strategies to promote physical and psychological well-being.

As the authors of high school and college-level textbooks, we felt confident in our research and writing abilities, but felt that the pedagogy was better left to health teachers. We would like to thank Diane Farthing, Melanie Lynch, and Melissa Munsell for developing the skills-based questions, activities, and resources that are a vital part of this course. We are delighted with the final product, and wish all readers of this book a lifetime of health.