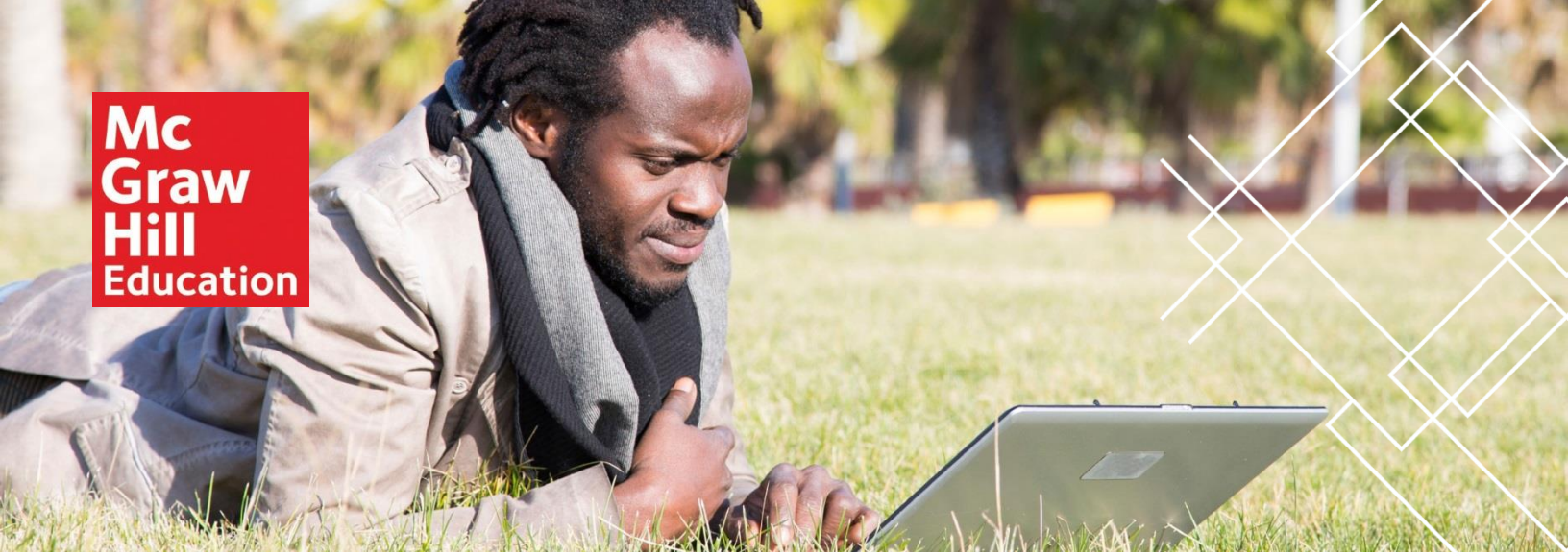

Physics of Every Day Phenomena, 9e

W. Thomas Griffith and Juliet Brosing

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Detailed List of New Features

In addition to SmartBook, end-of-chapter content and the test bank, Connect has an additional 30-50 conceptual questions.

The authors have created 17 videos to enable students to learn more about difficult topics. These videos will appear as thumbnails in the ebook and in the instructor resources

Retained Features

McGraw-Hill Education Connect is a digital teaching and learning environment that improves performance over a variety of critical outcomes; it is easy to use; and it is proven effective.

This edition includes over 65 new conceptual questions, several new exercises, and a few additional home experiments. Many of the end-of-chapter exercises have also been revised to refresh the material, while references have been added to conceptual questions to better tie in the concepts from the Everyday Phenomena boxes.

Available within McGraw-Hill Education's Connect, SmartBook makes study time as productive and efficient as possible. It identifies and closes knowledge gaps through a continually adapting reading experience that provides personalized learning resources at the precise moment of need. This ensures that every minute spent with SmartBook is returned to the student as the most value-added minute possible. The result? More confidence, better grades, and greater success.

Also available with this edition are instructor resources including solutions to the problems, an image library, and new lecture PowerPoints for each chapter. You will also find a test bank for each chapter that allows instructors to assign online homework and quizzes - this online homework is gradable and can be edited by instructors.

"Debatable Issues" feature provides open-ended, opinion questions on - but not limited to - energy and

environmental issues to be used as class discussion, as writing assignments, and/or for internet forums.

Effective pedagogy includes unit openers and chapter overviews that alert students to the most important concepts. Internal summaries clarify and remind students of what is most important. The pedagogy and end-of-chapter student aids, present a learning system to guide students through the course.

Chapter by Chapter Changes

Chapter 1: 1.1 Metric Conversions
Chapter 2: 2.1 Velocity
Chapter 3: 3.1 Tossed Ball Velocity, 3.2 Velocity Vectors Projectiles
Chapter 4: 4.1 F = ma, 4.2 3rd Law Pairs
Chapter 5: 5.1 A = v2/r, 5.2 F=Gmm/r^2
Chapter 6: 6.1 v of Pendulum, 6.2 Roller Coaster KE
Chapter 7: 7.1 $\Delta p = F\Delta t$, 7.2 Cons of Momentum
Chapter 9: 9.1 Archimedes, Density and Floating
Chapter 12: 12.1 Electric Field Lines (figures 12.14, 15, 16), 12.2 Electric Potential (figure 12.21, and new figure with neg charge)
Chapter 13: 13.1 Series and Parallel Circuits,
Chapter 17: 17.1 Image Formation, Positive Lens (draw out fig 17.16 and 17.17)

MHE applets have been "relaunched/rebuilt" using HTML5.