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Nota di contenuto	Cover; Title Page; Copyright; PREFACE; HOW TO USE THIS BOOK; Science and Writing; What Is STEM?; Science Teaching; An Important Note on Safety; And Finally, a Roundup of Our Best Tips; SCIENCE-O-PEDIA: A GLOSSARY; ACKNOWLEDGMENTS; THE AUTHORS; 826's History; THE CONTRIBUTORS; CHAPTER 1: THE SCIENCE OF SAVING DAYLIGHT; CHAPTER 2: TECHNICALLY SPEAKING; Session 1: Engineering Airplanes; Session 2: Make It Better; CHAPTER 3: IT'S (PARTIALLY) ROCKET SCIENCE AND (MOSTLY) ICE CREAM; Session 1: Ice Cream; Session 2: Staying Cool; CHAPTER 4: PLANET OOBLECK; Session 1: Oobleck; Session 2: Is It Alive? CHAPTER 5: HOW TO WRITE SCIENCE FICTIONSession 1: Exploring Technology; Session 2: Imagine a World ...; Session 3: Create the Character(s); Session 4: Bring Your World and Your Characters Together; CHAPTER 6: MAKING WAVES; CHAPTER 7: THERE MAY BE BONES; Session 1: Excavation; Session 2: Hypotheses; Session 3: A Closer Look; CHAPTER 8: TINFOIL SHIPBUILDING; CHAPTER 9: WATER, WATER EVERYWHERE, NOR ANY DROP TO DRINK; Session 1: Contamination; Session 2: Filtration; Session 3: Final Challenge; CHAPTER 10: THE SCIENCE OF SUPERPOWERS; Session 1: I Am From ... (Origin Poems and DNA) Session 2: Up, Up, and Away! (Secret Power Poems and Flight)Session 3:

Quick, to Safety! (Secret Lair Building and Haikus); Session 4: Saving the Day (Prose Poems and the Great Egg Drop); CHAPTER 11: INFINITE RECESS; Session 1: Fractal Poetry; Session 2: Leaving Space and Time; CHAPTER 12: REWRITING THE ZOMBIE APOCALYPSE; Session 1: The Day the Zombies Came; Session 2: Humanity Breaks Through (We Hope); Session 3: Zombies Evolve; Session 4: The Day the Zombies Died (!?!); APPENDIX; Handy Lesson Links; Self-Assessment Checklists; Common Core Curriculum Standards for English Language Arts
Next Generation Science StandardsINDEX; End User License Agreement

Sommario/riassunto

Bring STEM to life for students with zombies, rockets, celebrities, and more STEM to Story: Enthralling and Effective Lesson Plans for Grades 5-8 inspires learning through fun, engaging, and meaningful lesson plans that fuse hands-on discovery in science, technology, engineering, and math (STEM) with creative writing. The workshop activities within the book are the innovative result of a partnership between 826 National's proven creative writing model and Time Warner Cable's Connect a Million Minds, an initiative dedicated to connecting young people to the wonders of STEM through hands-on learn
