

Whoosh Lonnie Johnsons Super Soaking Stream Of Inventions

A cool idea with a big splash You know the Super Soaker. It's one of top twenty toys of all time. And it was invented entirely by accident. Trying to create a new cooling system for rockets, impressive inventor Lonnie Johnson instead created the mechanics for the iconic toy. A love for rockets, robots, inventions, and a mind for creativity began early in Lonnie Johnson's life. Growing up in a house full of brothers and sisters, persistence and a passion for problem solving became the cornerstone for a career as an engineer and his work with NASA. But it is his invention of the Super Soaker water gun that has made his most memorable splash with kids and adults.

Jeff Anderson and literacy coach Whitney La Rocca take you into primary and intermediate classrooms where students are curious about language, engage with the world around them, and notice and experiment with the conventions all writers use. Instead of chanting grammar rules or completing countless convention worksheets, we invite young writers to explore conventions as special effects devices that activate meaning. Our students study authentic texts and come to recognize these "patterns of power"--the essential grammar conventions that readers and writers require to make meaning. The first part of the book introduces a vibrant approach to grammar instruction and sets up what you need to immerse yourself in the Patterns of Power process, inviting students to experiment and play with language. The second part of the book offers over seventy practical, ready-to-use lessons, including: Extensive support materials Over 100 mentor sentences, curated for grades 1-5 Student work samples Tips and power notes to facilitate your own knowledge and learning Examples for application In Patterns of Power Jeff and Whitney suggest that taking just five minutes from your reading workshop and five minutes from your writing workshop to focus on how the conventions connect reading and writing will miraculously affect your students' understanding of how language works for readers and writers.

Thinking Like an Engineer focuses on high-interest, career-related topics in the elementary curriculum related to engineering. Students will explore interdisciplinary content, foster creativity, and develop higher order thinking skills with activities aligned to relevant content area standards. Students will complete design challenges, visit with an engineer, and investigate real-world problems to plan feasible engineering solutions. Thinking Like an Engineer reflects key emphases of curricula from the Center for Gifted Education at William & Mary, including the development of process skills in various content areas and the enhancement of discipline-specific thinking and habits of mind through hands-on activities. Grade 4

You've created a STEAM program in your library, but how do you work literacy into the curriculum? With this collection of resource recommendations, direction for program development, and activities, you'll have students reading proficiently in no time. • Presents complementary annotated books and discussion questions to engage students in STEAM topics • Offers topical project and problem-solving activity ideas for students in the library makerspace • Provides research and additional resources for teachers and librarians to use in implementing successful STEAM programs

When he was a kid, Lonnie Johnson won a science fair with a robot he made. That was only the beginning. He faced racism but did not let that stop him. He wanted to be a scientist. Johnson worked for NASA and invented the Super Soaker too! Read this book to learn more about his life and his superstar career in STEM.

Trying to create a new cooling system for rockets, impressive inventor Lonnie Johnson instead created the mechanics for the iconic toy. A love for rockets, robots, inventions, and a mind for creativity began early in Lonnie Johnson's life. Growing up Michaela DePrince werd in 1995 geboren in het door een bloedige burgeroorlog geteisterde Sierra Leone. Als haar vader door rebellen wordt vermoord en haar moeder aan ondervoeding sterft, wordt Michaela in een weeshuis geplaatst. Daar noemen ze haar duivelskind door de witte vlekken op haar huid. Ze wordt verwaarloosd en mishandeld, totdat een Amerikaans echtpaar haar op vierjarige leeftijd adopteert. Michaela blijkt maar één wens te hebben: ballerina worden. Haar adoptieouders stimuleren haar liefde voor ballet en laten haar les nemen. Michaela blijkt een natuurtalent en vecht zich in de harde en door vooroordelen gekenmerkte wereld van ballet een weg naar de top. Ze noemden me duivelskind vertelt op indrukwekkende wijze hoe Michaela DePrince uitgroeit van oorlogswes tot beroemd ballerina. 'Een van de meest inspirerende boeken die ik las dit jaar.' Twan Huys 'Een bitterzoet verhaal, waar mijn hart van opleeft en tegelijkertijd van breekt.' Daphne Deckers 'Wat een getalenteerde, gedreven en prachtige jonge vrouw. En wat een schitterend verhaal. Net een sprookje. Ongelooflijk!' Magali Messac, ballerina en Michaela's grote voorbeeld

Op een dag vindt de klas van Sam een mysterieuze, grommende hamster in het lokaal. Sam weet meteen hoe hij hem moet noemen: Hamstersaurus Rex. De naam blijkt goed te passen, zeker als het vriendelijke maar hongerige beestje gaat snoepen van het eigenaardige Dinoblast Krachtvoer van de gymleraar. Sam en zijn nieuwe, supersterke minivriend nemen het samen op tegen Stier van der Kop, de ergste pester in de geschiedenis van de school. Stier is niet bang voor een rare schoolhamster. Maar misschien zou hij dat wel moeten zijn...

Quickly and Easily Go from Idea to Activity to Discover with these Ready-to-Use Projects Project Based Learning Made Simple is the fun and engaging way to teach 21st-century competencies including problem solving, critical thinking, collaboration, communication and creativity. This straight-forward book makes it easier than ever to bring this innovative technique into your classroom with 100 ready-to-use projects in a range of topics, including: Science and STEM • Save the Bees! • Class Aquarium • Mars Colony Math Literacy • Personal Budgeting • Bake Sale • Family Cookbook Language Arts • Candy Bar Marketing • Modernize a Fairy Tale • Movie Adaptation Social Studies • Build a Statue • Establish a Colony • Documenting Immigration Wiskunde? Hou op zeg! Voor veel mensen is wiskunde een warboel van getallen, sommen en onbegrijpelijke berekeningen. Ook Robert, de jongen in de blauwe pyjama, moet er niks van hebben. Tot hij bezoek krijgt van een telduivel en twaalf nachten lang met getallen aan het goochelen is. Dan blijkt dat wiskunde een spannend en grappig spel is dat Robert en ook de lezers geen enkele moeite kost. Wiskunde is niet moeilijk. Zodra het telduiveltje met zijn toverstok zwaait, verdwijnt de angst voor getallen als sneeuw voor de zon.

As a kid, Lonnie Johnson liked to invent things. He often faced prejudice as an African American growing up in the segregated southern United States, but he eventually became an engineer for the US Air Force and NASA. He was working on a different invention when he came up with the idea for a new type of water gun. Johnson knew his toy was more powerful than other squirt guns—he just needed to find a way to make the Super Soaker available to kids all over the country. Learn how Johnson overcame many challenges to become a brilliant engineer and inventor.

Based on a true story, a vibrant, inspirational picture book about self-reliance and the power of creativity and music, in which a group of hungry homeless kids in 19th century New Orleans build their own musical instruments from discarded items and become a successful band. It's 1895, and ten-year-old Stalebread Charlie and his friend Warm Gravy roam the streets of New Orleans, homeless and hungry. Stalebread has heard folks say that music feeds the soul—and he wonders if it could also fill their bellies. Soon he and his friends are playing instruments made out of junk—a fiddle from a cigar box, a kazoo from a comb—until their hats are filled with coins, their bellies are filled with beignets, and their souls are filled with music. This inspiring make-lemonade-from-lemons tale includes author/illustrator notes about the real Stalebread and the research behind the book and a make-your-own-instrument activity.

Parents and teachers know that reading aloud to children is important, and many parents of young children read aloud to them daily. However, when children start to read on their own, parents often stop reading aloud. But, the early elementary school years, when children are learning how to read on their own, is a perfect time to build vocabulary and comprehension skills through read aloud and Active Reading. Raising an Active Reader makes clear the process of learning to read, how Active Reading fits into raising strong readers, and the behaviors that adults can do to encourage strong language, comprehension, and vocabulary in children in grades K-3. This book extends on the ABCs of Active Reading (Ask Questions, Build Vocabulary, and make Connections) as they apply to older children and picture books, chapter books, and novels. Raising an Active Reader provides parents and teachers with the knowledge and skills to engage elementary school-aged children (grades K-3) in Active Reading with examples, clear explanations, and ideas for making one-on-one or small group read aloud sessions a powerful way to build children's early literacy and language skills, all while creating a lifelong love of reading.

Aangrijpend verhaal voor fans van The Hate U Give Justyce is een goede jongen. Hij haalt uitmuntende cijfers. Hij staat altijd klaar voor zijn vrienden. Waarom is hij dan degene met handboeien om? Justyce McAllister haalt hoge resultaten op school, is aanvoerder van de debatclub en hij mag volgend jaar naar Yale. Maar dat doet er allemaal niet toe als een politieagent handboeien rond zijn polsen sluit. Uiteindelijk wordt Justyce weer vrijgelaten, zonder verdere aanklachten (en ook zonder excuus), maar het incident houdt hem bezig. Nu hij verhuisd is naar een betere wijk, wordt hij nog steeds lastiggevallen door de jongens uit zijn oude buurt en hij voelt zich ook niet welkom in zijn nieuwe klas. De enige uitzondering is Sarah Jane, Justyce' knappe – en witte – debatpartner, van wie hij wenste dat hij haar niet zo leuk vond. Op een dag rijdt Justyce samen met zijn beste vriend Manny rond in de auto – raampjes open, muziek hard aan. Dat valt niet in goede aarde bij een automobilist die naast hen staat te wachten voor het stoplicht. Maar zijn twee brutale jongens die het volume net iets te hard zetten reden genoeg om een wapen te trekken? 'Een krachtig, ontwrichtend verhaal dat je niet weg kunt leggen en dat de geschiedenis en de huidige situatie van racisme in Amerika blootlegt.' John Green 'Ongelooflijk, eerlijk, hartverscheurend! Een must-read!' Angie Thomas, auteur van The Hate U Give 'Het verhaal van Justyce is serieus, grappig, pijnlijk menselijk en hoopvol. Ik ben voor altijd veranderd.' Becky Albertalli, auteur van Simon vs. de verwachtingen van de rest van de wereld 'Rauw en aangrijpend.' Jason Reynolds, auteur van 67 seconden 'Wat Justyce en Manny overkomt is nog steeds de dagelijkse realiteit voor veel te veel mensen. Ouders die hun kinderen moeten bijbrengen hoe ze zich moeten gedragen als ze met de politie in aanraking komen, omdat ze het anders misschien niet overleven. En jongeren die elke dag voor de keuze staan: blijf ik mijn best doen of haak ik af? Dit boek heeft me echt de ogen geopend. Het kan zo niet langer.' Margot Reesink, vertaler van Wat zou Martin doen?

In freewriting, we write continuously: we begin with a prompt and keep our pen or pencil moving throughout the entire duration. We do not stop to question or censor ourselves; we do not concern ourselves with spelling, punctuation, capitalization, or grammar; we do not allow critical thoughts. This practical book shows teachers how to use freewriting to help kids write well and more, regardless of grade level, subject, or time of day or year. It is a simple process to implement, and yet makes a significant difference in teacher attitudes, student confidence, and, ultimately, student writing abilities.

Ontroerend verhaal over vriendschap Raymie heeft een plan. Als ze 'Mini Miss Midden-Florida Autobanden' wordt, komt ze vast in de krant. En als haar vader dat ziet, komt hij (misschien) terug. Dan ontmoet Raymie twee andere deelnemers: Louise, die uit een showbizzfamilie komt, en Billie, die vastbesloten is de boel te saboteren. Maar als de wedstrijd dichterbij komt, ontstaat er een onwaarschijnlijke en onvergetelijke vriendschap. Een vriendschap die hun twijfels doet vervagen. Een vriendschap die hen met nieuwe ogen naar de wereld doet kijken.

Whoosh! Lonnie Johnson's Super-Soaking Stream of Inventions Charlesbridge

Why is Lonnie Johnson important? He invented the Super Soaker! Readers follow his journey from a NASA engineer working on missions to Jupiter and Saturn to becoming the inventor of one of the most popular toys in the United States. This story of hard work is filled with engaging text and colorful images, all reviewed by Smithsonian experts.

When difficult or unwanted change enters our lives, it can cause fear, anxiety, and anger to bubble up from within. We want to quiet that simmering stress, but how do we do that, especially when we know our circumstances aren't going to calm down any time soon? By regularly meeting with God and exchanging our worries and fears for his assurances that he is using our difficult change for us, not against us. Easier said than done? Not if you have Kristen Strong alongside you as your understanding guide. Offering thoughtful, humorous anecdotes and powerful prayers to recite, Strong invites you to think and feel differently about change on the inside so you can live and love differently on the outside. As the tender companion she is, Kristen will show you how not to get over difficult change but rather to get through it. She'll help you acknowledge your change, give your anxieties over to God, and abide well in the days to come--no matter what transitions life brings.

Integrating Literacy Naturally is a guide for nurturing a love of literacy in both teachers and young children. More than a hundred children's book titles and other resources serve as springboards for cultivating that love and meeting individual literacy needs in developmentally appropriate ways. And, educator spotlight stories show how theories move to practice. Pinkerton and Hewitt draw on their love of literacy and over four decades of combined experience to help readers navigate individualized instruction, purposeful play, literacy integration, classroom libraries, and a reimagined workshop approach. Examples for how to do all of this with children's texts are presented throughout the book. Eight guiding principles provide an easy path to becoming an intentional, authentic teacher who focuses on the individual needs of children and avoids one-sized literacy instruction. The principles grew from heart to heart conversations the authors had about joyful reading and writing experiences being reduced to worksheets and rote memorization in many classrooms. This book moves teachers far away from drill the skill literacy. Use it as a guide on your path to making literacy learning both playful and intentional in the early childhood classroom.

Een dagboekbladzijde en haar herinneringen aan haar overleden klasgenote Zoë spelen een belangrijke rol in het leven van

Martha. Vanaf ca. 11 jaar.

Dit e-book is NIET geschikt voor zwart-wit e-readers. In deel 4 van de serie Niek de Groot van de schrijver Lincoln Peirce gebeurt er eindelijk iets cools op school: Niek richt zijn eigen tekenclub op. Nu kan de wereld ontdekken hoe geniaal hij is. Maar dan lijkt de klad erin te komen. Leraren zeuren dat er meiden in Nieks club moeten. Maar waar vind je die? En hoe zorg je dat ze niet denken dat je ze LEUK vindt? Misverstand stapelt zich op misverstand... De grote tekenwedstrijd dient zich aan en Niek wil WINNEN. Is zijn club goed genoeg om het op te nemen tegen tekenclubs op andere scholen? Viert Niek zijn GROOTSTE ZEGE OOIIT? Niek de Groot kladt er op los is een must voor de fans van de serie Het leven van een Loser door Jeff Kinney. Lincoln Peirce is schrijver en striptekenaar. Niek de Groot verscheen als strip in Amerika in meer dan tweehonderd dagbladen. Peirce was een grote inspiratiebron voor Jeff Kinney.

Little Friedrich Müller was a puny weakling who longed to be athletic and strong like the ancient Roman gladiators. He exercised and exercised. But he to no avail. As a young man, he found himself under the tutelage of a professional body builder. Friedrich worked and worked. He changed his name to Eugen Sandow and he got bigger and stronger. Everyone wanted to become "as strong as Sandow." Inspired by his own experiences body-building, Don Tate tells the story of how Eugen Sandow changed the way people think about strength and exercise and made it a part of everyday life. Backmatter includes more information about Sandow, suggestions for exercise, an author's note, and a bibliography.

Roza Rozegeur wil dolgraag ingenieur worden. Ze maakt van afval de meest fantastische constructies. Maar die verstopt ze, omdat ze bang is om uitgelachen te worden. Tot haar overgroottante Roos langskomt en laat zien dat mislukkingen helemaal niet erg zijn. Prentenboek met dynamische kleurentekeningen en tekst op rijm. Vanaf ca. 5 jaar.

Uitleg met hulp van grote tekeningen.

Caregiver involvement is key to a child's reading success story, and libraries are in the perfect position to provide the guidance needed for parents and caregivers to embrace their role as their children's first and most enduring teachers. • Teaches librarians how to mentor parents and caregivers, offering different strategies to make a child a reader for life • Includes a go-to list of books and materials to recommend and display • Offers programs that work to engage parents and caregivers in their children's reading life • Shows how to make the library a center for education and learning

In this fully revised and expanded third edition of the bestselling *Reciprocal Teaching at Work*, Lori D. Oczkus provides both tried-and-true and fresh solutions for teaching reading comprehension. Reciprocal teaching is a scaffolded discussion technique that builds on the Fab Four strategies that good readers use to understand text: predicting, questioning, clarifying, and summarizing. With a focus on these four evidence-based and classroom-tested strategies, Oczkus presents new ways to use reciprocal teaching to improve students' comprehension while actively engaging them in learning and encouraging independence. Appealing to students and teachers alike, reciprocal teaching encompasses social aspects of teaching and learning with modeling, think-alouds, and discussion. This helpful guide is packed with fresh material, including

- * More than 40 new and updated step-by-step lessons and minilessons that reflect current thinking and best practice.
- * Dozens of rich suggestions for diving into informational texts.
- * Updated research and relevant results that show the effectiveness of reciprocal teaching.
- * Creative and targeted tips that capitalize on the specific benefits of whole-class settings, guided reading groups, and literature circles.
- * Ideas for differentiating instruction for struggling readers and English language learners.
- * New and newly designed support materials, including reproducibles, posters, bookmarks, and a lesson planning menu.

With a wealth of ideas to get you started—and keep you going—this is the all-inclusive resource you need to help students become active, engaged, and independent readers who truly comprehend what they read. Reviews and Testimonials "Literacy coach and author Lori Oczkus knows how to take the best of what works from long-established research and showcase it to make teaching and learning more effective, engaging, and enjoyable. In her latest edition of *Reciprocal Teaching at Work*, she demonstrates how to scaffold instruction so that all K–12 students can benefit from reciprocal teaching techniques, what she calls the "Fab Four"—predicting, questioning, clarifying, and summarizing—in whole-group, guided reading, and book club settings, for both fiction and informational texts. In clearly delineated lessons and minilessons, Lori deftly shares how to support students' learning, including English language learners and students who struggle, so they can successfully apply and monitor those four discussion strategies—as well as troubleshoot problems—to yield significant progress in their reading comprehension. Filled with great practical ideas, this gem of a book is a must-have for all literacy educators!" —Regie Routman, author of *Read, Write, Lead; Literacy Essentials*, and *Reading Essentials* "Reciprocal teaching works to push students into deeper learning. There are decades of research on the impact of this instructional approach, and this book shows you how to implement and refine the practice such that all students succeed." —Doug Fisher, author of *Checking for Understanding and Visible Learning for Literacy* "One of the great instructional research discoveries of the past three decades has been the efficacy of reciprocal teaching for improving student learning and reading comprehension. More than anyone, Lori Oczkus has explored practical ways for making reciprocal teaching an integral part of nearly any classroom setting. This current work by Lori represents the epitome of her work in translating reciprocal teaching research into practice. Readers will find this immensely readable book filled with strategies that can be easily implemented and that will improve student learning. If you are interested in improving your students' reading achievement, you need to read this book!" —Timothy Rasinski, author of *The Fluent Reader and Close Reading with Paired Texts* "In this new edition of *Reciprocal Teaching at Work*, Lori Oczkus offers new thinking while reinforcing the best practices that make her ideas timeless. Through these engaging lessons and smart instructional moves, you will empower your students to build the confidence and competence they need to become strong, independent readers." —Donalyn Miller, author of *The Book Whisperer* "On every page of this book, in every activity and plan, the voice of a gifted and empowering teacher inspires the reader. In a major revision of her classic work, Lori Oczkus engages the immediacy and demands of today's classrooms with the most robust constellation of strategies for teaching comprehension. She compellingly demonstrates how the "Fab Four" are engaged across the grades, and she powerfully

scaffolds, supports, and reassures teachers in their efforts to incorporate reciprocal teaching across a broad communication, textual, and digital terrain." —Shane Templeton, Foundation Professor Emeritus of Literacy Studies University of Nevada, Reno, NV

This collection of ideas for lessons provides school librarians with inspiration for meeting the tsunami of new standards dictating change for today's next generation learners. • Saves librarians planning time • Furnishes ideas for collaboration • Teaches research skills for librarians who collaborate with a classroom teacher as well as those who do not • Prepares students who are curious and want to learn • Incubates inquiry

Samuel Andresen-Anderson is een schrijver met een writer's block, een verveelde leraar op een plaatselijke universiteit. Zijn moeder heeft hij niet meer gezien sinds ze hem als kind in de steek liet. Maar dan ziet hij haar, ruim twintig jaar later, op het nieuws, terwijl ze stenen gooit naar een conservatieve politicus. Volgens de media is ze een linkse radicaal met een schimmig verleden, maar voor zover Samuel weet heeft ze altijd in een kleine stad in Iowa gewoond. Welk beeld van zijn moeder is waar? Vastberaden om het raadsel op te lossen - en daarmee eindelijk een manuscript voor zijn ongeduldige uitgever te hebben - besluit hij een openhartige en meedogenloze biografie van zijn moeder te schrijven. Hij moet haar alleen eerst zien te vinden. En met haar kunnen praten zonder in tranen uit te barsten.

A disc seems to float as it spins through the air. Trampolines let people leap to thrilling heights. From playing catch to playing with hula hoops, bubbles, and jump ropes, science explains how it all works. The Science of Backyard Fun reveals the fascinating ways that science is at work in popular yard games and toys. Easy-to-read text, vivid images, and helpful back matter give readers a clear look at this subject. Features include a table of contents, infographics, a glossary, additional resources, and an index. Aligned to Common Core Standards and correlated to state standards. Core Library is an imprint of Abdo Publishing, a division of ABDO.

Creativity Under Duress in Education? introduces a new framework—creativity under duress in education. Leading creativity researchers and educational scholars discuss creative theory and practice from an educational lens that is provocative. Across international contexts, this book combines insights from creativity and educational research; rich illustrations from classrooms, schools, and other professional settings, and practical ideas and strategies for how anyone invested in education can support creative teaching and learning. Readers will encounter diverse perspectives from an international cast of authors exploring cutting-edge ideas for creativity and innovation as a foremost priority for economies in the new millennium. At the same time, they consider forces of authority, control, and constraint that impact creative education and innovation within educational systems, extending to the professions. Educators and those interested in the future of education are vitally important to this conversation around research-based and practical analyses of creativity in and beyond the classroom. Addressed are these major issues: (1) creativity frameworks of theory and action in education, (2) research investigations into creativity and education, and (3) applications of creativity theory in real-world practice. Dynamic, this book presents a bridge between draconian contexts of assessment and explosive creativity in diverse places. A key contribution of the volume is its validation and promotion of creativity and innovation for students, teachers, professors, leaders, employers, policymakers, and others seeking ways to profoundly improve learning and transform education. In tackling the seemingly irreconcilable issues of creativity and accountability in K–12 institutions, higher education, and policy circles, worldwide, this work offers a message that is both cautionary and inspiring. Book editor Carol A. Mullen, PhD, is Professor of Educational Leadership at Virginia Tech, Virginia, USA. A twice-awarded Fulbright Scholar to China (2015) and Canada (2017), she was honored with the 2016 Jay D. Scribner Mentoring Award from the University Council for Educational Administration. She is author of Creativity and Education in China (2017) and co-editor of Education policy perils (2016).

Noodzakelijk? Onontbeerlijk? Vereist? Essentieel? Geboden? Onmisbaar? Wat heb je nodig? Realiseer je wel... niets is voor niets... Er is een groot verschil tussen iets graag willen en iets echt nodig hebben... Er is een social medium, nieuw en hip, je kunt je erbij aansluiten. Je hoeft maar één vraag te beantwoorden: Wat heb je NODIG? Iedereen doet het. Dus waarom zou jij het niet doen? Eén voor één sluiten de tieners in Nottawa, Wisconsin, zich aan bij het nieuwste en hipste sociale medium, NODIG. Om toegang te krijgen moeten ze een op het oog eenvoudige vraag beantwoorden: wat heb je nodig? Een nieuwe iPhone? Een backstagekaartje voor een concert? In ruil voor een schijnbaar simpele taak, zal NODIG het verzoek inwilligen. Iedereen doet het. Dus waarom zou jij het niet doen? Kaylee Dunham weet wat ze nodig heeft - een nier voor haar zieke broer. Ze gelooft niet dat een sociaal netwerk zou kunnen helpen, maar ze heeft niks te verliezen.

Floor denkt dat ze niet kan tekenen, maar als de juf haar leert beginnen met een stip, merkt ze dat ze veel meer kan dan ze dacht. Prentenboek met in zachte tinten ingekleurde pentekeningen. Vanaf ca. 5 jaar.

Haar naam was Henrietta Lacks, maar de medische wereld kent haar als HeLa. In de jaren '50 werden haar kankercellen zonder dat zij dat wist bij haar weggenomen. Met behulp van deze cellen, die letterlijk onsterfelijk zijn, werden de meest uiteenlopende geneeskundige ontdekkingen gedaan en rond de verkoop ervan ontstond een miljoenenindustrie. Het leven van Henrietta bleef echter vrijwel onbekend en ook haar familie wist tot ruim dertig jaar geleden niet van het bestaan van de cellen af. Rebecca Skloot vertelt het verhaal van de 'HeLa-cellen', maar laat ons vooral ook kennis maken met Henrietta, haar verleden en haar familie, die nog steeds worstelt met de nalatenschap van de cellen. Ze laat zien dat het verhaal van de familie Lacks onlosmakelijk verbonden is met de duistere geschiedenis van het experimenteren met Afrikaans-Amerikanen, het ontstaan van de ethiek binnen de biologie en de juridische strijd over de vraag of we de baas zijn over de materie waarvan we zijn gemaakt.

Building on the success of the first edition, Essentials of Middle and Secondary Social Studies 2nd Edition focuses on the key issues central to the teaching of middle and high school social studies, including lesson planning and instructional strategies. Written in an engaging, conversational style, the text encourages teachers in their development as professionals and enables them to effectively use creative and active learning strategies in the everyday classroom. NEW TO THIS EDITION This second edition has been significantly refined with new and relevant topics and strategies needed for effectively teaching middle and secondary social studies. New features include: An updated chapter on lesson plans, in keeping with the book's emphasis on planning and teaching. This chapter is designed to provide middle and secondary

teachers with new classroom-tested lesson plans and includes two classroom-tested lessons for each grade level (6-12). An expanded chapter on planning. This chapter provides additional discussion about long-range planning and includes examples of lesson plans with details to help students be better prepared. An updated chapter on technology designed to better prepare middle and secondary teachers to effectively incorporate technology into social studies instruction. Attention is given to digital history, media literacy, teaching with film and music, popular apps and numerous other types of impactful technology. "FYI" callouts throughout each chapter. These callouts provide helpful information and further explanation. An expanded discussion of the Common Core Standards and C3 Framework and how they impact teachers. An updated chapter titled "Experiencing Social Studies." This chapter focuses on topics such as teaching with drama, role play, field trips, and service learning. A "Helpful Resources" section that details various websites and online resources for further discovery. Substantial research has been put forth calling for the field of social studies education to engage in work dealing with the influence of race and racism within education and society (Branch, 2003; Chandler, 2015; Chandler & Hawley, 2017; Husband, 2010; King & Chandler, 2016; Ladson-Billings, 2003; Ooka Pang, Rivera & Gillette, 1998). Previous contributions have examined the presence and influence of race/ism within the field of social studies teaching and research (e.g. Chandler, 2015, Chandler & Hawley, 2017; Ladson-Billings, 2003; Woysner & Bohan, 2012). In order to challenge the presence of racism within social studies, research must attend to the control that whiteness and white supremacy maintain within the field. This edited volume builds from these previous works to take on whiteness and white supremacy directly in social studies education. In *Marking the "Invisible"*, editors assemble original contributions from scholars working to expose whiteness and disrupt white supremacy in the field of social studies education. We argue for an articulation of whiteness within the field of social studies education in pursuit of directly challenging its influences on teaching, learning, and research. Across 27 chapters, authors call out the strategies deployed by white supremacy and acknowledge the depths by which it is used to control, manipulate, confine, and define identities, communities, citizenships, and historical narratives. This edited volume promotes the reshaping of social studies education to: support the histories, experiences, and lives of Students and Teachers of Color, challenge settler colonialism and color-evasiveness, develop racial literacy, and promote justice-oriented teaching and learning. Praise for *Marking the "Invisible"* "As the theorization of race and racism continues to gain traction in social studies education, this volume offers a much-needed foundational grounding for the field. From the foreword to the epilogue, *Marking the "Invisible"* foregrounds conversations of whiteness in notions of supremacy, dominance, and rage. The chapters offer an opportunity for social studies educators to position critical theories of race such as critical race theory, intersectionality, and settler colonialism at the forefront of critical examinations of whiteness. Any social studies educator -researcher concerned with the theorization or teaching of race should engage with this text in their work." Christopher L. Busey, University of Florida

Greta woont in een prachtig bos dat wordt wordt bedreigd door reuzen. Toen de reuzen het bos ontdekten, kaptten ze bomen zodat ze huizen konden bouwen. Daarna hakten ze nog meer bomen om en bouwden ze nog grotere huizen. Die huizen vormden dorpen, de dorpen groeiden uit tot steden en nu is er bijna geen bos meer over. De dieren in het bos roepen Greta's hulp in. Gelukkig heeft ze een idee...

Ahora en español, la verdadera historia del juguete favorito de todos los niños en el verano, la Súper Pistola de Agua, y cómo fue inventado por accidente. Mientras trataba de crear un sistema de enfriamiento para refrigeradores, Lonnie Johnson inventó sin quererlo el mecanismo de este emblemático juguete. Cuando era niño le encantaban los cohetes, los robots, todo tipo de inventos y, sobre todo, la creatividad. Gracias a su pasión y persistencia por resolver problemas, llegó a ser ingeniero y a trabajar para la NASA. Pero dio el gran salto a la fama cuando inventó la Súper Pistola de Agua. Su historia es presentada aquí por Chris Barton, autor de éxitos de ventas del New York Times, e ilustrada por Don Tate, ganador de numerosos premios. Now in Spanish, the true story of how childhood favorite and summer staple, the Super Soaker, was an unexpected invention. Trying to create a new cooling system for refrigerators, inventor Lonnie Johnson instead created the mechanics for an iconic toy. As a kid, Lonnie Johnson loved rockets, robots, inventions, and creativity. With persistence and a passion for problem solving, he became an engineer and worked for NASA. But it is his invention of the Super Soaker water gun that has made his most memorable splash with kids and adults. Captured by New York Times best-selling author Chris Barton and award-winning illustrator Don Tate.

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