

Pixl Maths Papers June 2014

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Edexcel Linear 2010-04-19 Collins New GCSE Maths Edexcel Linear Teacher's Pack Higher 1 contains everything you need to deliver effective lessons in mathematics with confidence for students working at Grades D to A*. Fully matched to Edexcel's new GCSE Maths Linear specification, these teacher resources offer well-differentiated lesson plans and additional support. The Teacher's Pack allows you to: * Capture the essence of chapters at a glance with chapter overviews * Easily access learning objectives and references to exam board specifications, KS4 Programme of Study, Functional Skills Standards and Personal Learning and Thinking Skills (PLTS) for each chapter * Link maths concepts and help students to access functional and problem-solving scenarios * Raise standards by providing the right level of progression for every student by using the well-differentiated lesson plans * Involve the whole class in engaging activities and discussions using the Starter * Lead students into the main concepts and exercises with the Main Lesson Activity * Consolidate and summarise learning using the Plenary * Quickly access the answers to all questions in the corresponding Student Book and Homework Book * Plan ahead and save time using the ready-made Scheme of Work * Customise your lessons using Lesson Plans in Word format on the CD-Rom

Tectonic Hazards Cameron Dunn 2012

Parentology Dalton Conley 2014-03-18 An award-winning scientist offers his unorthodox approach to childrearing: "Parentology is brilliant, jaw-droppingly funny, and full of wisdom...bound to change your thinking about parenting and its conventions" (Amy Chua, author of *Battle Hymn of the Tiger Mother*). If you're like many parents, you might ask family and friends for advice when faced with important choices about how to raise your kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In *Parentology*, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley's sassy kids show him the limits of his profession. *Parentology* teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You'll be laughing and learning at the same time.

Pirates 'N' Pistols Chris Mould 2014-04-03 Come face-to-face with some of the most villainous and scurrilous rogues ever to sail the seven seas in these stories about pirates from all around the world.

The Secret of Literacy David Didau 2014-01-31 Literacy? That's someone else's job, isn't it? This is a book for all teachers on how to make explicit to students those things we can do implicitly. In the Teachers' Standards it states that all teachers must demonstrate an understanding of, and take responsibility for, promoting high standards of literacy, articulation, and the correct use of standard English, whatever the teacher's specialist subject. In *The Secret of Literacy*, David Didau inspires teachers to embrace the challenge of improving students' life chances through improving their literacy.

Looptail Bruce Poon Tip 2013-09-17 Much in the same vein as *DELIVERING HAPPINESS*, *LOOPTAIL* combines both Bruce Poon Tip's extraordinary first-person account of his entrepreneurial instincts to start and develop G Adventures, a highly-successful international travel adventure company, and along the way, he reveals his unusual management secrets that not only keep his employees fully engaged but also keep his customers extremely happy.

Made to Last (Where Love Begins Book #1) Melissa Tagg 2013-09-15 Miranda Woodruff has it all. At least, that's how it looks when she's starring in her homebuilding television show, *From the Ground Up*. So when her network begins to talk about making cuts, she'll do anything to boost ratings and save her show—even if it means pretending to be married to a man who's definitely not the fiancé who ran out on her three years ago. When a handsome reporter starts shadowing Miranda's every move, all his digging into her personal life brings him a little too close to the truth—and to her. Can the girl whose entire identity is wrapped up in her on-screen persona finally find the nerve to set the record straight? And if she does, will the life she's built come crashing down just as she's found a love to last? "Sweet, fun, and faith-filled, Melissa Tagg's *Made To Last* is a story made to delight lovers of romance and behind-the-scenes reality TV. Pull up an armchair and enjoy!"--Lisa Wingate, National Bestselling Author of *Blue Moon Bay*, one of *Booklist's* Top 10 of 2012 "Clever plot. Engaging, funny, fresh writing. A winning voice with deeper layers that touch the heart. Melissa Tagg is the whole package. A delight for CBA readers."--Rachel Hauck, award-winning and bestselling author of *Once Upon a Prince* "If there is such thing as a perfect story, Melissa Tagg has written it with this first novel. Laugh-out-loud funny, a delightful premise, hunky heroes, surprising plot twists and poignant, heart-tugging moments, all wound together with beautiful writing. *Made to Last* is a keeper that will charm its way onto your shelf, and into your heart."--Susan May Warren, RITA Award winner and bestselling author of *Take a Chance on Me* "Made to Last is a fun romantic comedy that will have you turning the pages. Melissa Tagg is a fresh voice to watch."--Jenny B. Jones, award-winning author of *Save the Date* and *There You'll Find Me* "Melissa Tagg has written a fun, fast-paced romance. Her first novel will certainly not be her last."--Kristin Billerbeck, author of *The Scent of Rain* "A must for fans of romantic comedy! Melissa Tagg's endearing characters charmed me and their story line captured my imagination. Reading *Made To Last* was like eating a hot fudge brownie sundae with girlfriends. Fun. Delicious. Completely entertaining."--Becky Wade, author of *My Stubborn Heart* and *Undeniably Yours* "With witty dialogue, lovable characters, and an entertaining plot, Melissa Tagg is sure to become a new favorite among fans of Christian romance. *Made to Last* reminds us all that we are more than the roles we play. At our core, beneath our failures and hang-ups, we are loved and cherished by a faithful God."--Katie Ganshert, author of *Wildflowers From Winter* and *Wishing on Willows* "Readers are going to fall in love with Melissa Tagg's novels! She writes vivid stories filled with true-to-life characters who wrestle with questions about life, faith and romance. Melissa's writing is equal parts laugh out loud humor and moments that touch your heart. I can't wait for others to discover this talented new author!"--Beth K. Vogt, author of *Wish You Were Here* and *Catch a Falling Star* "What happens when a harmless lie you didn't intend to tell takes on a life of its own? When you're Miranda Woodruff, star of a home improvement show, you learn how to let go and become who God called you to be because nothing else is left. A great story with life-impacting truth surrounded by romance to make you swoon."--Cara Putman, award-winning author of *A Wedding Transpires on Mackinac Island* "Reading *Made to Last*, Melissa Tagg's debut novel, was like meeting new friends whom I wanted to continue hanging out with long after the book ended. Melissa's fresh voice and ability to craft a well-written story hooked me with the opening line and held my attention to the very end. Her flawed characters, LOL moments and spiritual truth provided a foundation for a stellar debut novel. I even had to dab my teary eyes a couple of times. Melissa Tagg is an author to watch and one whose books I want to fill my shelves."--Lisa Jordan, award-winning author of *Lakeside Reunion* and *Lakeside Family*

Water Is... Nina Munteanu 2015-01 Part history, part science and part philosophy and spirituality, "Water Is..." combines personal journey with scientific discovery that explores water's many identities and ultimately our own. Written by internationally published author, teacher and limnologist Nina Munteanu.

History in the Primary and Secondary Years Inspectorate of Schools (England and Wales) 1985

Daily Language Review Grade 5 Evan-Moor Educational Publishers 1998-03 This book includes Monday to Friday lessons for each day of a 36-week school year and short daily lessons. The Monday to Thursday lessons include two sentences to edit, including corrections in punctuation, capitalization, spelling, grammar, and vocabulary and three items practicing a variety of language and reading skills. Friday practice cycles through five formats: language usage, identifying and correcting mistakes, combining sentences, choosing reference materials and figurative speech (similes, metaphors). The pages are reproducible and the book includes a skills list and answer keys.

GCSE Religious Studies for Edexcel A (9-1): Catholic Christianity with Islam and Judaism Revision Guide Andy Lewis 2018-03-22 This Edexcel GCSE Catholic Christianity with Islam and Judaism Revision Guide covers exactly what your students require with a structured approach to revising for the new 91 exams. RECAP key content presented in simple visual styles to make content memorable. APPLY knowledge with targeted revision activities to practise evaluative skills needed for the exams. REVIEW through practising exam questions and reviewing answers to pinpoint any areas of weakness in knowledge or exam skills. Clearly identify areas to target next. Perfect for use alongside the Student Book or as a stand-alone resource for independent revision. This Revision Guide covers the whole course for students of Catholic Christianity (Paper 1), including a choice of either Islam or Judaism as a second religion (Paper 2), and a choice of either Philosophy and Ethics or St Mark's Gospel (Paper 3/4). With all the essential content condensed and made memorable, and plenty of exam practice, tips and annotated sample answers, stude

Black Tudors Miranda Kaufmann 2017-10-05 Shortlisted for the Wolfson History Prize 2018 A Book of the Year for the Evening Standard and the Observer A black porter publicly whips a white Englishman in the hall of a Gloucestershire manor house. A Moroccan woman is baptised in a London church. Henry VIII dispatches a Mauritanian diver to salvage lost treasures from the *Mary Rose*. From long-forgotten records emerge the remarkable stories of Africans who lived free in Tudor England... They were present at some of the defining moments of the age. They were christened, married and buried by the Church. They were paid wages like any other Tudors. The untold stories of the Black Tudors, dazzlingly brought to life by Kaufmann, will transform how we see this most intriguing period of history.

The Illustrated London News 1887

Still Alice Lisa Genova 2010-08-05 A moving story of a woman with early onset Alzheimer's disease, now a major Academy Award-winning film starring Julianne Moore and Kristen Stewart. Alice Howland is proud of the life she worked so hard to build. At fifty, she's a cognitive psychology professor at Harvard and a renowned expert in linguistics, with a successful husband and three grown children. When she begins to grow forgetful and disoriented, she dismisses it for as long as she can until a tragic diagnosis changes her life - and her relationship with her family and the world around her - for ever. Unable to care for herself, Alice struggles to find meaning and purpose as her concept of self gradually slips away. But Alice is a remarkable woman, and her family learn more about her and each other in their quest to hold on to the Alice they know. Her memory hanging by a frayed thread, she is living in the moment, living for each day. But she is still Alice. 'Remarkable ... illuminating ... highly relevant today' Daily Mail 'The most accurate account of what it feels like to be inside the mind of an Alzheimer's patient I've ever read. Beautifully written and very illuminating' Rosie Boycott 'Utterly brilliant' Chrissy Iley

Don't Call it Literacy! Geoff Barton 2013 "Every teacher in English is a teacher of English," said George Sampson, one of the early school inspectors, back in 1921. It's never been

truer, or more relevant. Literacy has a major impact on young people's life-chances and it is every teacher's responsibility to help build their communication, reading and writing skills. However, this book isn't just about literacy; it's also about what great teachers do in their classrooms, about applying knowledge consistently across classrooms, in order to help pupils to become more confident in their subjects. This book shows every teacher – whatever your subject – the simple steps which could transform your students into better speakers, listeners, readers and writers. Harnessing a range of straightforward, but powerful techniques, it shows you how to help each student in your subject to improve their spelling, to use the key vocabulary of your subject more accurately and to speak, read and write with confidence like a historian, scientist, designer or mathematician. The book is structured into clear sections which are then divided into short, easy-to-absorb units on the classroom implications of what we know about literacy. Don't Call it Literacy!also includes: language commentaries which exemplify points made by the author; talking points at the end of each unit for self-assessment; a glossary for non-specialists; subject specific vocabulary for building students' word power; tutor time spellings lists; a reading list on teaching, language, literacy and education. Written by a leading authority in the field, this book will help both trainee and practising secondary school teachers to turn their classroom into literacy-friendly environments, increasing the motivation and achievement of their students.

IB Theory of Knowledge Course Book Eileen Dombrowski 2013-03-21 Build confident critical thinkers who can process and articulate complex ideas in relevant, real-life contexts. The enquiry-based approach actively drives independent thought and helps learners connect ideas and frameworks while pushing them above and beyond typical TOK boundaries. Completely mapped to the new 2013 syllabus.

Shreds of Tenderness John Ruganda 2001

The Noisy Classroom Debbie Newman 2019-09-19 Debate and critical oracy allow students to deepen their knowledge and understanding of academic subjects while simultaneously developing their communication and critical thinking skills, which can be hugely effective in increasing attainment. This book, written by an experienced teacher and founder of The Noisy Classroom, aims to help students learn to argue, disagree and debate in a constructive manner. Packed with resources and engaging exercises, it shows teachers how to develop an argument culture in the classroom that promotes open-mindedness and encourages students to explore new perspectives, defend views and challenge others. The Noisy Classroom includes: A reflection on critical oracy and why it is important. A step-by-step guide for teachers to set up and encourage debate across the curriculum, highlighting how to get the most out of a noisy classroom. Advice for teachers on how to overcome barriers to building and using critical oracy in the classroom, including troubleshooting when things go wrong. Practical ideas for sharpening pair, group and whole-class discussions, ranging from small starter and plenary activities to full parliamentary-style debates. The book brings together activities gathered and tested over 20 years of working in debate, oracy and education. It is intended for school teachers, including both NQTs and more experienced practitioners.

A Diary in the Age of Water Nina Munteanu 2020-05-30 Centuries from now, in a post-climate change dying boreal forest of what used to be northern Canada, Kyo, a young acolyte called to service in the Exodus, discovers a diary that may provide her with the answers to her yearning for Earth's past--to the Age of Water, when the "Water Twins" destroyed humanity in hatred--events that have plagued her nightly in dreams. Looking for answers to this holocaust--and disturbed by her macabre longing for connection to the Water Twins--Kyo is led to the diary of a limnologist from the time just prior to the destruction. This gritty memoir describes a near-future Toronto in the grips of severe water scarcity during a time when China owns the USA and the USA owns Canada. The diary spans a twenty-year period in the mid-twenty-first century of 33-year-old Lynna, a single mother who works in Toronto for CanadaCorp, an international utility that controls everything about water, and who witnesses disturbing events that she doesn't realize will soon lead to humanity's demise. A Diary in the Age of Water follows the climate-induced journey of Earth and humanity through four generations of women, each with a unique relationship to water. The novel explores identify and our concept of what is "normal"--as a nation and an individual--in a world that is rapidly and incomprehensibly changing.

Evolution and Disease James Thomas Charles Nash 1915

Analytical and discursive writing [in history at key stage 3] Christine Counsell 1997

Challenge Your Pupils 2 Mathematical Association 2013-06

Embedded Formative Assessment Dylan Wiliam 2011-11-01 Formative assessment plays an important role in increasing teacher quality and student learning when it's viewed as a process rather than a tool. Emphasizing the instructional side of formative assessment, this book explores in depth the use of classroom questioning, learning intentions and success criteria, feedback, collaborative and cooperative learning, and self-regulated learning to engineer effective learning environments for students.

Oxford A Level Religious Studies for OCR Revision Guide LIBBY. AHLUWALIA 2018-03 This Revision Guide offers a structured approach to revising for the new AS and A level exams in a single volume. With all essential content in concise points, guided activities to develop your evaluative skills, annotated sample answers and 60 practice questions with mark schemes, students can confidently prepare for their new exams.

Alone Cyn Balog 2017-11-07 This must-read for lovers of Stephen King's *The Shining* will leave readers breathless as Seda and her family find themselves at the mercy of a murderer in an isolated and snowbound hotel. Get ready for what Kirkus calls "A bloody, wonderfully creepy scare ride." When her mom inherits an old, crumbling mansion, Seda's almost excited to spend the summer there. The grounds are beautiful and it's fun to explore the sprawling house with its creepy rooms and secret passages. Except now her mom wants to renovate, rather than sell the estate—which means they're not going back to the city...or Seda's friends and school. As the days grow shorter, Seda is filled with dread. They're about to be cut off from the outside world, and she's not sure she can handle the solitude or the darkness it brings out in her. Then a group of teens get stranded near the mansion during a blizzard. Seda has no choice but to offer them shelter, even though she knows danger lurks in the dilapidated mansion—and in herself. And as the snow continues to fall, what Seda fears most is about to become her reality...

Making Good Progress? Daisy Christodoulou 2017-02-09 Making Good Progress? is a research-informed examination of formative assessment practices that analyses the impact Assessment for Learning has had in our classrooms. Making Good Progress? outlines practical recommendations and support that Primary and Secondary teachers can follow in order to achieve the most effective classroom-based approach to ongoing assessment. Written by Daisy Christodoulou, Head of Assessment at Ark Academy, Making Good Progress? offers clear, up-to-date advice to help develop and extend best practice for any teacher assessing pupils in the wake of life beyond levels.

Comprehension to 14 Third Edition Geoff Barton 2012-03-22 Trusted in classrooms for over fifteen years, this series of much-loved books has been completely updated to support the latest Key Stage 3 requirements. Bestselling author Geoff Barton has rewritten Comprehension to 14 to retain the same engaging, skills-based approach, but with fresh texts and a variety of engaging activities.

Teachers Vs Tech? Daisy Christodoulou 2020-03-05 Daisy Christodoulou is a leading educational commentator with many years' experience of working with schools as well as in the classroom. In this new book, she tackles the ed tech debate, asking why it hasn't yet had the transformative impact on education that has long been promised, and evidencing the benefits it could still bring to schools.

Meaningful Differences in the Everyday Experience of Young American Children Betty Hart 2018-05 More widely cited than ever before, this book presents findings on the disparities in daily interactions between parents and children of different socioeconomic backgrounds and the effect of these disparities on children's vocabulary and later intellect.

The Grace Walk Experience Steve McVey 2008-03-01 For years, Steve McVey's *Grace Walk* (more than 200,000 copies sold) has inspired Christians to leave behind a performance and fear-based faith to embrace a faith lived in abundance and grace. Now *The Grace Walk Experience* workbook helps readers move that message of hope from their heads to their hearts as they explore eight truths that have changed lives worldwide daily, interactive studies that reveal grace as much more than a doctrine ways to quit "doing" for God so that He can live through them illustrations of the wonder and miracle of faith as God intended God's Word, salvation, and evangelism with new perspective This excellent tool for church classes, small group discussion, and individual study will lead believers to understand their identity in Christ, let go of legalism, and make room for the overflowing love, mercy, and purpose of life lived wholly in God's grace.

The Greatest Traitor Ian Mortimer 2003 A portrait of the fourteenth-century rebel baron-turned-English king describes his military accomplishments, daring escape from the Tower of London, relationship with lover Queen Isabella, and successful attack on England. 20,000 first printing.

The Boy Who Grew Dragons (The Boy Who Grew Dragons 1) Andy Shepherd 2018-06-14 SHORTLISTED FOR THE WATERSTONES CHILDREN'S BOOK PRIZE 2019 LONGLISTED FOR THE BLUE PETER BOOK AWARDS 2019 'Irresistible ... a modern classic' GUARDIAN 'A warm-hearted debut ... lovely, expressive, characterful' SUNDAY TIMES When Tomas discovers a strange old tree at the bottom of his grandad's garden, he doesn't think much of it. But he takes the funny fruit from the tree back into the house - and gets the shock and delight of his life when a tiny dragon hatches! The tree is a dragonfruit tree, and Tomas has got his very own dragon, Flicker ... Tomas soon finds out that life with Flicker is great fun, but also very ... unpredictable. Yes, dragons are wonderful, but they also set fire to your toothbrush and leave your pants hanging from the TV aerial. Tomas has to learn how to look after Flicker - and quickly. And then something extraordinary happens - more dragonfruits appear on the tree. Tomas is officially growing dragons ... The first book in a sparky and utterly enchanting new series.

An Astrobiology Strategy for the Search for Life in the Universe National Academies of Sciences, Engineering, and Medicine 2019-04-20 Astrobiology is the study of the origin, evolution, distribution, and future of life in the universe. It is an inherently interdisciplinary field that encompasses astronomy, biology, geology, heliophysics, and planetary science, including complementary laboratory activities and field studies conducted in a wide range of terrestrial environments. Combining inherent scientific interest and public appeal, the search for life in the solar system and beyond provides a scientific rationale for many current and future activities carried out by the National Aeronautics and Science Administration (NASA) and other national and international agencies and organizations. Requested by NASA, this study offers a science strategy for astrobiology that outlines key scientific questions, identifies the most promising research in the field, and indicates the extent to which the mission priorities in existing decadal surveys address the search for life's origin, evolution, distribution, and future in the universe. This report makes recommendations for advancing the research, obtaining the measurements, and realizing NASA's goal to search for signs of life in the universe.

Read Write Inc. Fresh Start Ruth Miskin 2011-09 Read Write Inc. Fresh Start is a specially adapted literacy programme for all students in grade 4 and above who are working below National Curriculum Level 3. Like Read Write Inc. Phonics for pupils in the early years, the scheme starts with phonics lessons which introduce students to all the letter sounds through use of the Speed Sounds Cards and the Green and Red Word Cards. The Modules are specially written to help students to catch up on and develop their reading and writing skills. Each Module provides practice of the graphemes and sounds that have been taught in phonics lessons. There is a fiction or non-fiction text and a variety of comprehension and writing activities. The Modules should be completed sequentially, with the Introductory Module first, followed by the other 33 Modules.

Bouncers John Godber 1987 THE STORY: Staged with extreme simplicity, the play takes place in a provincial discotheque--the Saturday night haunt of England's disaffected youth. Using the device of four tuxedoed male bouncers (who also become a variety of other characters) t

Thinking Mathematically John Mason 2010 'Thinking Mathematically' seeks to turn this familiar statement into a promise of opportunity and exploration. The examples provided offer both a contextual and procedural base that students can easily build upon.

Polyesters and Polyamides B L Deopura 2008-06-17 Polyesters and polyamides remain the most used group of synthetic fibres. This authoritative book reviews methods of their production, ways of improving their functionality and their wide range of applications. The first part of the book describes raw materials and manufacturing processes, including

environmental issues. Part two considers ways of improving the functionality of polyester and polyamide fibres, including blending, weaving, coloration and other finishing techniques as well as new techniques such as nanotechnology. The final part of the book reviews the range of uses of these important fibres, from apparel and sportswear to automotive, medical and civil engineering applications. With its distinguished editors and international team of contributors, Polyesters and polyamides is a standard reference for all those using this important group of fibres. Reviews the chemical and physical properties of each fibre and their manufacture Analyses how the functionality of polyester and polyamides can be improved Provides examples of how the fibres are used in applications

The Connection of the Physical Sciences Mary Somerville 1834

The Immortal Life of Henrietta Lacks Rebecca Skloot 2010-02-02 #1 NEW YORK TIMES BESTSELLER • "The story of modern medicine and bioethics—and, indeed, race relations—is refracted beautifully, and movingly."—Entertainment Weekly NOW A MAJOR MOTION PICTURE FROM HBO® STARRING OPRAH WINFREY AND ROSE BYRNE • ONE OF THE "MOST INFLUENTIAL" (CNN), "DEFINING" (LITHUB), AND "BEST" (THE PHILADELPHIA INQUIRER) BOOKS OF THE DECADE • ONE OF ESSENCE'S 50 MOST IMPACTFUL BLACK BOOKS OF THE PAST 50 YEARS • WINNER OF THE CHICAGO TRIBUNE HEARTLAND PRIZE FOR NONFICTION NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • Entertainment Weekly • O: The Oprah Magazine • NPR • Financial Times • New York • Independent (U.K.) • Times (U.K.) • Publishers Weekly • Library Journal • Kirkus Reviews • Booklist • Globe and Mail Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer who worked the same land as her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine: The first "immortal" human cells grown in culture, which are still alive today, though she has been dead for more than sixty years. HeLa cells were vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb's effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions. Yet Henrietta Lacks remains virtually unknown, buried in an unmarked grave. Henrietta's family did not learn of her "immortality" until more than twenty years after her death, when scientists investigating HeLa began using her husband and children in research without informed consent. And though the cells had launched a multimillion-dollar industry that sells human biological materials, her family never saw any of the profits. As Rebecca Skloot so brilliantly shows, the story of the Lacks family—past and present—is inextricably connected to the dark history of experimentation on African Americans, the birth of bioethics, and the legal battles over whether we control the stuff we are made of. Over the decade it took to uncover this story, Rebecca became enmeshed in the lives of the Lacks family—especially Henrietta's daughter Deborah. Deborah was consumed with questions: Had scientists cloned her mother? Had they killed her to harvest her cells? And if her mother was so important to medicine, why couldn't her children afford health insurance? Intimate in feeling, astonishing in scope, and impossible to put down, The Immortal Life of Henrietta Lacks captures the beauty and drama of scientific discovery, as well as its human consequences.

Radio Frequency and Microwave Electronics Illustrated Matthew M. Radmanesh 2001 Foreword by Dr. Asad Madni, C. Eng., Fellow IEEE, Fellow IEE Learn the fundamentals of RF and microwave electronics visually, using many thoroughly tested, practical examples RF and microwave technology are essential throughout industry and to a world of new applications-in wireless communications, in Direct Broadcast TV, in Global Positioning System (GPS), in healthcare, medical and many other sciences. Whether you're seeking to strengthen your skills or enter the field for the first time, Radio Frequency and Microwave Electronics Illustrated is the fastest way to master every key measurement, electronic, and design principle you need to be effective. Dr. Matthew Radmanesh uses easy mathematics and a highly graphical approach with scores of examples to bring about a total comprehension of the subject. Along the way, he clearly introduces everything from wave propagation to impedance matching in transmission line circuits, microwave linear amplifiers to hard-core nonlinear active circuit design in Microwave Integrated Circuits (MICs). Coverage includes: A scientific framework for learning RF and microwaves easily and effectively Fundamental RF and microwave concepts and their applications The characterization of two-port networks at RF and microwaves using S-parameters Use of the Smith Chart to simplify analysis of complex design problems Key design considerations for microwave amplifiers: stability, gain, and noise Workable considerations in the design of practical active circuits: amplifiers, oscillators, frequency converters, control circuits RF and Microwave Integrated Circuits (MICs) Novel use of "live math" in circuit analysis and design Dr. Radmanesh has drawn upon his many years of practical experience in the microwave industry and educational arena to introduce an exceptionally wide range of practical concepts and design methodology and techniques in the most comprehensible fashion. Applications include small-signal, narrow-band, low noise, broadband and multistage transistor amplifiers; large signal/high power amplifiers; microwave transistor oscillators, negative-resistance circuits, microwave mixers, rectifiers and detectors, switches, phase shifters and attenuators. The book is intended to provide a workable knowledge and intuitive understanding of RF and microwave electronic circuit design. Radio Frequency and Microwave Electronics Illustrated includes a comprehensive glossary, plus appendices covering key symbols, physical constants, mathematical identities/formulas, classical laws of electricity and magnetism, Computer-Aided-Design (CAD) examples and more. About the Web Site The accompanying web site has an "E-Book" containing actual design examples and methodology from the text, in Microsoft Excel environment, where files can easily be manipulated with fresh data for a new design.