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3C5 - WHITNEY NATHANIEL

With its first edition, Principles of Life provided a textbook well aligned with the recommendations proposed in BIO 2010: Transforming Undergraduate Education for Future Research Biologists and Vision and Change in Undergraduate Biology Education. Now Principles of Life returns in a thoroughly updated new edition that exemplifies the reform that is remaking the modern biology classroom.

Real Communication uses stories from real people and the world around us to present the best and most lively introduction to communication concepts. Professors and students alike have fallen in love with Real Communication's down-to-earth writing style, its coverage of research, and its wealth of learning and teaching tools. They also appreciate how Real Communication strives to weave the discipline's different strands together with the CONNECT feature that shows students how concepts work and apply across interpersonal, small group, and public speaking contexts. The Second Edition is even better with a broader array of engaging examples, new coverage of hot topics in the field like Intercultural and mediated communication, plus a public speaking unit honed to provide the essential information students need for this fast-paced course. Whether you want a traditional paperback, an e-Book — online or downloadable to a device — a looseleaf edition, or the book within the new HumanCommClass, Real Communication has an option for you. Read the preface.

A behind-the-scenes look at how tomorrow's hottest startups are being primed for greatness Investment firm Y Combinator is the most sought-after home for startups in Silicon Valley. Twice a year, it funds dozens of just-founded startups and provides three months of guidance from Paul Graham, YC's impresario, and his partners. Receiving an offer from YC creates the opportunity of a lifetime. Acclaimed journalist Randall Stross was granted unprecedented access to Y Combinator, enabling a unique inside tour of the world of software startups. Over the course of a summer, we watch as a group of founders scramble to make something people want. This is the definitive story of a seismic shift in the business world, in which coding skill trumps experience, undergraduates confidently take on Goliaths, and investors fall in love.

Entrepreneurs who dream of building the next Amazon, Facebook, or Google can take advantage of one of the most powerful economic engines the world has ever known: venture capital. To do so, you need to woo, impress, and persuade venture capitalists to take a risk on an unproven idea. That task is challenge enough. But choosing the right investor can be harder still. Even if you manage to get backing, you want your VC to be a partner, not some adversary who will undermine your vision in order to make a quick return. Jeffrey Bussgang is one of a few people who have played on both sides of this high-stakes game. By his early thirties, he had helped build two successful start-ups-one went public, the other was acquired. Now he draws on his experience and unique perspective on the "other side" as a venture capitalist helping entrepreneurs bring their dreams to fruition. Bussgang offers detailed insights, colorful stories, and practical advice gathered from his own experience as well as from interviews with dozens of the most successful players on both sides of the game, including Twitter's Jack Dorsey and LinkedIn's Reid Hoffman. He reveals how to get noticed, perfect a pitch, and negotiate a partnership that works for everyone. An insider's guide to the secrets of the world venture capital, Mastering the VC Game will prove invaluable for entrepreneurs seeking capital and successful partnerships.

A small book with an inspiring short story by Crystal Pomeroy, with additional information about The Launch Pad, Prescott Arizona's Teen Center. All proceeds to benefit the center.

Getting Started for Internet of Things with Launch Pad and ESP8266 provides a platform to get started with the Ti launch pad and IoT modules for Internet of Things applications. The book provides the basic knowledge of Ti launch Pad and ESP8266 based customized modules with their interfacing, along with the programming. The book discusses the application of Internet of Things in different areas. Several examples for rapid prototyping are included, this to make the readers understand the concept of IoT. The book comprises of twenty-seven chapters, which are divided into four sections and which focus on the design of various independent prototypes. Section-A gives a brief introduction to Ti launch pad (MSP430) and Internet of Things platforms like GPRS, NodeMCU and NuttyFi (ESP8266 customized board), and it shows steps to program these boards. Examples on how to interface these boards with display units, analog sensors, digital sensors and actuators are also included, this to make reader comfortable with the platforms. Section-B discusses the communication modes to relay the data like serial out, PWM and I2C. Section-C explores the IoT data loggers and shows certain steps to design and interact with the servers. Section-D includes few IoT based case studies in various fields. This book is based on the practical experience of the authors while undergoing projects with students and partners from various industries.

Stenciled on many of the deactivated facilities at Cape Canaveral Air Force Station, the evocative phrase "abandoned in place" indicates the structures that have been deserted. Some structures, too solid for any known method of demolition, stand empty and unused in the wake of the early period of US space exploration. Now Roland Miller's color photographs document the NASA, Air Force, and Army facilities across the nation that once played a crucial role in the space race. Rapidly succumbing to the elements and demolition, most of the blockhouses, launch towers, tunnels, test stands, and control rooms featured in Abandoned in Place are located at secure military or NASA facilities with little or no public access. Some have been repurposed, but over half of the facilities photographed no longer exist. The haunting images collected here impart artistic insight while preserving an important period in history.

This book explores the lifespan by combining research with a practicing psychologist's understanding of human development from infancy to old age. A countdown from twelve to one as a space shuttle awaits liftoff. Readers are invited to find hidden numbers on an illustrated activity page.

This book explores the world of microcontroller development through friendly lessons and progressively challenging projects, which will have you blink LEDs, make music with buzzers & interact with different sensors like accelerometers and temperature sensors. This book is focused on the MSP--EXP430G2 LaunchPad Evaluation Kit, which is a complete microcontroller development platform that includes everything you need to start creating microcontroller-based projects. Many of the 25+ projects will also leverage external components, such as the highly-integrated Educational Booster-Pack, which is a modular extension to the LaunchPad and includes many components such as an RGB LED, character LCD & potentiometer. This book provides helpful guides that break down hardware circuits through visual diagrams and includes fully-commented code examples. Concepts are broken down and explained in an easy to follow language and analogies to help you understand the principles behind each project/system. The projects will encourage you to use and even combine the fundamental concepts to develop your ideas in creating new microcontroller solutions. Coverage includes: Digital Input/Output: buttons, LEDs, turning anything into a button Analog Input/Output: sensors, temperature, accelerometer, potentiometer, etc. Programming fundamentals: conditional branches & loops, flow, logic, number systems Pulse-Width Modulation (PWM): square wave, buzzer, analog signal simulation Serial Communication: UART, SPI & I2C Code development using Energia, a free, open-source code editor and compiler Debugging through serial communication with a computer Interfacing with external components such as LEDs, buzzers, potentiometers, sensors & more. With the help of this book, you will be challenged to think about developing your own unique microcontroller-based application, and you will be equipped to start solving various problems, adding intelligence to existing products, or even developing your own innovative creations with a LaunchPad development kit. Includes over 25 projects which focuses on a learn by doing approach Contains easy to follow diagrams and code examples Covers Programming fundamentals, such as conditional branches and loops, flow, logic, number systems

Jonathan Ward takes the reader deep into the facilities at Kennedy Space Center to describe NASA's first computer systems used for spacecraft and rocket checkout and explain how tests and launches proceeded. Descriptions of early operations include a harrowing account of the heroic efforts of pad workers during the Apollo 1 fire. A companion to the author's book Countdown to a Moon Launch: Preparing Apollo for Its Historic Journey, this explores every facet of the facilities that served as the base for the Apollo/Saturn missions. Hundreds of illustrations complement the firsthand accounts of more than 70 Apollo program managers and engineers. The era of the Apollo/Saturn missions was perhaps the most exciting period in American space exploration history. Cape Canaveral and Kennedy Space Center were buzzing with activity. Thousands of workers came to town to build the facilities and launch the missions needed to put an American on the Moon before the end of the decade. Work at KSC involved much more than just launching rockets. It was a place like none other on Earth. Technicians performed intricate operations, and hazards abounded everywhere, including lightning, fire, highly-toxic fuels, snakes, heat, explosives, LOX spills, and even plutonium. The reward for months of 7-day workweeks under intense pressure was witnessing a Saturn V at liftoff. For anyone who ever wished they had worked at Kennedy Space Center during the Apollo era, this book is the next best thing. The only thing missing is the smell of rocket fuel in the morning.

A science park creates synthetic life to repopulate the oceans, but to ruinous effect. A local retelling brings the tragic story of Sweeney Todd to colonial Singapore. And a far-future heiress falls in love with an alien life form and must make an existential decision.

A countdown from twelve to one as a space shuttle awaits liftoff.

For most British people the weekend of 27/28 October 1962 could so very easily have been their last weekend on earth. Yet, astonishingly, the fact that Britain's nuclear deterrent forces were set to such an unprecedented level of readiness was kept secret from the public. Thor nuclear-tipped ballistic missiles stood on a round-the-clock wartime state of alert ready to be fired; these were the 'other' missiles of the Cuban Missile Crisis, which made Britain, in effect, America's launch pad. During the height of the crisis both RAF Bomber Command and the US Strategic Air Command were poised at the highest states of readiness. Both were ordered to a level of war readiness unparalleled throughout the whole of the forty years of Cold War. There is evidence to suggest that, had the US needed to launch an air strike against Russian missiles in Cuba, President Kennedy might have been willing to absorb a Soviet nuclear assault on a NATO ally without retaliation, if it would have avoided escalation to World War Three. It is sobering to those who lived through that period that the British Ambassador to Cuba commented: 'If it was a nuclear war we were headed for, Cuba was perhaps a better place to be than Britain!'

With fresh interpretations from two new authors, wholly reconceived themes, and a wealth of cutting-edge new scholarship, the seventh edition of America's History is designed to work perfectly with the way you teach the survey today. Building on the book's hallmark strengths — balance, comprehensiveness, and explanatory power — as well as its outstanding visuals and extensive primary-source features, authors James Henretta, Rebecca Edwards, and Robert Self have shaped America's History into the ideal resource for survey classes.

A concise and affordable resource for the mass communication course, Media Essentials provides a flexible, informative, and relevant breakdown of what the media is, how it works, and how it impacts today's most talked-about subjects. From #metoo to content streaming to social media and politics, students learn how a wide variety of recent developments have impacted the mass-media landscape--and how past innovation and change have informed our current media world. Media Essentials is available with LaunchPad, a robust online platform designed to help students fully engage with course content--and with the world of mass media. From our acclaimed LearningCurve adaptive quizzing, which helps students learn and retain concepts, to compelling features like an interactive e-book and a variety of entertaining and thought-provoking video clips, LaunchPad gets students

connected with—and interested in—the information they need to succeed in class.

LaunchPad for Understanding Your College Experience, Third Edition, combines an interactive e-book with high-quality multimedia content and ready-made assessment options, including LearningCurve adaptive quizzing, case study quizzes, videos, and self-assessment quizzes. Pre-built units are easy to assign or adapt with your own material, such as readings, videos, quizzes, discussion groups, and more. LaunchPad also provides access to a grade book that tracks performance for your whole class, for individual students, and for individual assignments.

A countdown from twelve to one as a space shuttle awaits lift-off. Readers are invited to find hidden numbers on an illustrated activity page.

Dr. Chris Green and Dr. Taher Dhoon started The Practice Launchpad as a way to help fellow dentists on their journey toward practice ownership. With so much information at our fingertips, it's hard to know where to start, who to trust, and what to believe. This book provides best practices for each step of dental practice ownership, including insights from respected experts in dentistry. Whether you are looking to acquire a dental practice or do a start-up this book is like a playbook you can follow and flip to the chapter that applies to the current stage you are at for actionable content. The book also contains QR codes that go to landing pages, so as best practices evolve dentists can still have access to the best information available. Some of the expert contributors include Dr. David Maloley (The Relentless Dentist), Dr. Mark Costes (The Dentalpreneur), Design Ergonomics, HR for Health, CEDR, Dentagraphics, Marie Chatterley, Tower Realty, Ben Tuinei, Jonathan VanHorn, Scott Haberman, Dentist Advisors, Chris Phelps, Kiera Dent, Divergent Dental, Paul Etchison, Michael Arias, Swell CX, and more.

The "Missile Launch Complex 39A Site" was originally listed in the National Register of Historic Places (NRHP) on May 24, 1973, for its association with the Man in Space Program. It was reevaluated in 1996 in the context of the Apollo Program, ca. 1961 through 1975, and on January 21, 2000, the newly defined Launch Complex 39: Pad A Historic District was listed in the NRHP. The Launch Complex 39: Pad A Historic District has since gained importance in the context of the Space Shuttle Program, ca. 1969 to 2010. As currently defined, the historic district contains twenty-one contributing resources and twenty-three noncontributing resources within its boundary. It is considered eligible for listing in the NRHP under Criteria A and C in the areas of Space Exploration and Engineering, respectively. Because it has achieved significance within the past 50 years, Criteria Consideration G applies. The period of significance for the Launch Complex 39: Pad A Historic District, with regards to the Space Shuttle Program, is from 1980, when the first Space Shuttle vehicle arrived at the launch pad, through 2010, the designated end of the Space Shuttle Program. The Space Shuttle Program is the longest running American space program to date. Unlike the Mercury, Gemini and Apollo programs, the emphasis was on cost effectiveness and reusability, as well as the construction of a space station. The district is one of two sites at the Kennedy Space Center specially designed and constructed to launch the Space Shuttle vehicle; the other site is the Launch Complex 39: Pad B Historic District, also listed in the NRHP on January 21, 2000. It has facilitated nationally significant events associated with space travel, and has been integral to the launching of the Space Shuttle. As such, the Launch Complex 39: Pad A Historic District is of exceptional importance to the Space Shuttle Program. Please note that photographs referenced in this report were not available for this reproduction. As a bonus, this compilation also includes the 11-part Aeronautics and Space Report of the President Fiscal Year 2016 Activities.

""Howard has distilled his vast experience, identified the key levers for acceleration, and conveyed them through real-life stories that are interesting

and illuminating." Brad Smart, author; president and CEO, Topgrading[, Inc. Sooner or later, every business owner finds themselves working too much "in" the business rather than "on" the business. Despite working harder than ever, they know their organization could be growing faster and generating greater profits. To stimulate the traction and significant growth that leaders seek, they need strategies to create and sustain a successful business as well as ways to break through the invisible barriers that prevent forward movement. In The Leader Launchpad, growth expert and master business accelerator Howard M. Shore offers a five-step, clear-cut, actionable plan to help leaders feel in control of their professional destiny. Packed with practical information, The Leader Launchpad includes profit-actualizing and scale-enhancing systems for: [€] Identifying mindsets essential to creating great companies [€] Recognizing the crucial steps to increase employee engagement [€] Developing a strategy that leads to faster growth and higher profitability [€] Aligning teams with priorities to significantly impact results [€] Ensuring the right people are in the right seats doing the right thing [€] Building a culture of accountability Engaging and compelling, The Leader Launchpad is a must-read for any leadership team looking to create a massively successful and enjoyable business."

Those who have made the switch from a Windows PC to a Mac have made Switching to the Mac: The Missing Manual a runaway bestseller. The latest edition of this guide delivers what Apple doesn't—everything you need to know to successfully and painlessly move your files and adapt to Mac's way of doing things. Written with wit and objectivity by Missing Manual series creator and bestselling author David Pogue, this book will have you up and running on your new Mac in no time.

This book is written for either a parent of a high school student or a high school student. It is designed as a quick read to pick up and have insight on what it will take to help prepare a High School student for success during school and after graduation. The book was developed through the creation of 10 tips. After each tip, there is a question relating to the tip with answers, and the author shares her personal experience as it relates to high school and being a teacher. Finally, there is a resource page with 7 resources a student could access right away. It is time that students and parents are educated on how to make the best out of High School.

For Asperkids, home is both their protected lair and their launch pad into success in a neurotypical world. Jennifer O'Toole provides parents with all the help they need in planning their home environment to encourage their Asperkid superheroes to soar. The Asperkid's Launch Pad is a visually-led guide to preparing a home environment that supports the development of children with Asperger syndrome. From a bedroom light switch that the child can easily reach, to a tucked-away safe place that he or she can retreat to when feeling overwhelmed or anxious, small changes in the home can boost the child's self-confidence, independence, comfort and life skills. Award-winning author Jennifer O'Toole gives readers a walk-through tour of the home, showing, room by room, how physical surroundings affect Asperkids and highlighting the learning opportunities in every space and object. Beautifully presented with color photographs throughout, this functional and fun book will win a place in the homes and hearts of all parents of children with Asperger syndrome.

Know Your Numbers - Find the hidden numbers in these exciting counting books. Count by ones, twos, fives, and tens!

This colorful notepad invites list-makers and ideators to turn that spark into a brilliant idea. Featuring 10 different ways to unleash creativity with visual diagrams, idea funnels, mind maps, and more, this chunky pad is a brainstormer's delight.