

Unit 1 The Basics

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Psychosocial Care and Counseling for HIV-Infected Children and Adolescents: A Training Curriculum Catholic Relief Services 2009-08-12 This competency-based training curriculum is designed to enable health care providers to provide safe high-quality counseling and support services to HIV-infected children, adolescents and their families. Fourteen modules cover a range of topics that are designed to be completed in ten days.

CCEA Chemistry AS Student Unit Guide: Unit 1 Basic Concepts in Physical and Organic Chemistry ePub Alyn G. McFarland 2012-12-07 Written by a senior examiner, Alyn G. McFarland, this CCEA AS Chemistry Student Unit Guide is the essential study companion for Unit 1: Basic Concepts in Physical and Inorganic Chemistry. This full-colour book includes all you need to know to prepare for your unit exam: clear guidance on the content of the unit, with topic summaries, knowledge check questions and a quick-reference index examiner's advice throughout, so you will know what to expect in the exam and will be able to demonstrate the skills required exam-style questions, with graded student responses, so you can see clearly what is required to get a better grade

Computer Applications For Class 9 S. Tiwari & D. Bhargava & D. Rathore A book on Computer Applications

Basic Electrical Engineering K. N. Srinivas 2013-12-30 The aim of this book is to provide a consolidated text for the first year B.E. Computer Science and Engineering students and B.Tech Information Technology students of Anna University. The syllabus has been thoroughly revised for the non-semester yearly pattern by the University. The book, made up of five chapters, systematically covers the five units of the syllabus. It begins with a detailed discussion on the fundamentals of electric circuits. DC circuits, AC circuits, 3-phase circuits, resonance and the network theorems. Lecture-type presentation of the rudiments of the fundamentals in conjunction with hundreds of solved examples is the strength of this book. Magnetic circuits and various magnetic

elements and their properties, with number of illustrations are presented. DC machines and transformers are further dealt with. Equivalent circuits of machines supported with the respective photographs will ease the reader to understand the concepts of machines much better. Synchronous machines and asynchronous machines and fundamentals of control systems with various practical examples and relevant worked illustrations conclude this book. A large number of numerical illustrations and diagrammatic representations make this book valuable for students and teachers.

Natural Language Annotation for Machine Learning James Pustejovsky 2012-10-11
Create your own natural language training corpus for machine learning. Whether you're working with English, Chinese, or any other natural language, this hands-on book guides you through a proven annotation development cycle—the process of adding metadata to your training corpus to help ML algorithms work more efficiently. You don't need any programming or linguistics experience to get started. Using detailed examples at every step, you'll learn how the MATTER Annotation Development Process helps you Model, Annotate, Train, Test, Evaluate, and Revise your training corpus. You also get a complete walkthrough of a real-world annotation project. Define a clear annotation goal before collecting your dataset (corpus) Learn tools for analyzing the linguistic content of your corpus Build a model and specification for your annotation project Examine the different annotation formats, from basic XML to the Linguistic Annotation Framework Create a gold standard corpus that can be used to train and test ML algorithms Select the ML algorithms that will process your annotated data Evaluate the test results and revise your annotation task Learn how to use lightweight software for annotating texts and adjudicating the annotations This book is a perfect companion to O'Reilly's Natural Language Processing with Python.

Corporate Tax Planning Kaushal Kumar Agrawal 2007-12 Primarily Written For The Students Of Commerce, The Present Book Is A Complete Study Of Tax Planning, Tax Procedures And Management, Wealth Tax, Value Added Tax And Service Tax. Upto The Fifth Edition The Book Was Entitled Direct Tax Planning And Management. Now It Is Entitled Corporate Tax Planning And Has 46 Chapters Divided Into Eleven Self-Contained Units Basics; Tax Planning Of Salary; Tax Holiday; Profits And Gains From Business Or Profession And Capital Gain; Corporate Tax In India; Financial Decisions; Setting Up Of New Business; Managerial Decisions; Tax Planning Others; Corporate Restructuring; And Non-Residents Taxation. The Book Comprehensively Covers The Latest Syllabus Prescribed By Most Of The Indian Universities. In Addition To The Detailed Explanation Of Each Of Its Topics, The Book Is Rich In Illustrations And Practice Exercises That Facilitate Easy Understanding And Quick Revision Of The Subject. The Book Will Undoubtedly Prove Useful To The Students Of B.Com., Cs (Final), Icwa (Final), M.Com., Mba, Mfc And Cfa. Besides Students, The General Readers Keen To Obtain Basic And In-Depth Knowledge Of Tax Planning Will Find This Book Highly Informative.

Energy and Environment Semester-I (RTM) Nagpur University Dr. Archana R. Chaudhari & Dr. Aditi S. Pandey "Energy and Environment" is written exclusively

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for B. Tech. First semester students of various branches as per the revised syllabus of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (RTMNU, Nagpur). It includes important topics such as Solid Fuels, Dulong's and Goutal's formula for calculation of theoretical calorific value of solid fuel, Knocking, Photolysis of water, Liquid and Nuclear Fuels, Industrial Pollution, Cement and Petroleum Industry and Conducting and Biodegradable Polymers.

Designing Electronic Performance Support Tools George H. Stevens 1995

The Art of Unit Testing Roy Osherove 2013-11-24 Summary The Art of Unit Testing, Second Edition guides you step by step from writing your first simple tests to developing robust test sets that are maintainable, readable, and trustworthy. You'll master the foundational ideas and quickly move to high-value subjects like mocks, stubs, and isolation, including frameworks such as Moq, FakeItEasy, and Typemock Isolator. You'll explore test patterns and organization, working with legacy code, and even "untestable" code. Along the way, you'll learn about integration testing and techniques and tools for testing databases and other technologies. About this Book You know you should be unit testing, so why aren't you doing it? If you're new to unit testing, if you find unit testing tedious, or if you're just not getting enough payoff for the effort you put into it, keep reading. The Art of Unit Testing, Second Edition guides you step by step from writing your first simple unit tests to building complete test sets that are maintainable, readable, and trustworthy. You'll move quickly to more complicated subjects like mocks and stubs, while learning to use isolation (mocking) frameworks like Moq, FakeItEasy, and Typemock Isolator. You'll explore test patterns and organization, refactor code applications, and learn how to test "untestable" code. Along the way, you'll learn about integration testing and techniques for testing with databases. The examples in the book use C#, but will benefit anyone using a statically typed language such as Java or C++. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Create readable, maintainable, trustworthy tests Fakes, stubs, mock objects, and isolation (mocking) frameworks Simple dependency injection techniques Refactoring legacy code About the Author Roy Osherove has been coding for over 15 years, and he consults and trains teams worldwide on the gentle art of unit testing and test-driven development. His blog is at ArtOfUnitTesting.com. Table of Contents PART 1 GETTING STARTED The basics of unit testing A first unit test PART 2 CORE TECHNIQUES Using stubs to break dependencies Interaction testing using mock objects Isolation (mocking) frameworks Digging deeper into isolation frameworks PART 3 THE TEST CODE Test hierarchies and organization The pillars of good unit tests PART 4 DESIGN AND PROCESS Integrating unit testing into the organization Working with legacy code Design and testability

Understanding AC Circuits Dale Patrick 1999-11-29 Understanding AC Circuits covers the second half of a basic electronic circuits theory course, integrating theory and laboratory practice into a single text. Several key features in each unit make this an excellent teaching tool: objectives, key terms, self-tests, lab experiments, and a unit exam. This new edition has been

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thoroughly revised and updated by the authors to reflect the latest information on electronics. Understanding AC Circuits is designed with the electronics beginner and student in mind. The authors use a practical approach exposing the reader to the systems that are built with AC circuits making it easy for beginners to master even complex concepts in electronics while gradually building their knowledge base of both theory and applications. Each chapter includes easy-to-read text accompanied by clear and concise graphics fully explaining each concept before moving onto the next. The authors have provided section quizzes and chapter tests so the readers can monitor their progress and review any sections before moving onto the next chapter. Each chapter also includes several electronics experiments, allowing the reader to build small circuits and low-cost projects for the added bonus of hands-on experience in AC electronics. Understanding AC Circuits fully covers dozens of topics including single-phase and three-phase AC electronics; electrical generator basics; how to use a multimeter and oscilloscope in AC electronics; troubleshooting and testing circuits; tools and equipment; resistive circuits; inductive circuits; capacitive circuits; vector diagrams; series circuits; transformers; filter circuits; resonant circuits; decibels; waveshaping control; electronic symbols; soldering techniques; plus much more. Integrates theory and lab experiments Contains course and learning objectives and self-quizzes Heavily illustrated

Experimental Organic Chemistry Daniel R. Palleros 2000-02-04 This cutting-edge lab manual takes a multiscale approach, presenting both micro, semi-micro, and macroscale techniques. The manual is easy to navigate with all relevant techniques found as they are needed. Cutting-edge subjects such as HPLC, bioorganic chemistry, multistep synthesis, and more are presented in a clear and engaging fashion.

Touchpad Computer Applications Class 9 Dr. Sanjay Jain 2022-11-22 The chapters of this book have been selected and designed as per the CBSE curriculum of Computer Applications (Code 165). KEY FEATURES ● National Education Policy 2020 ● Do you Know?: This section contains a fact about the topic. ● Lab Assignment 'N Activity: This section contains an activity to apply the concepts learnt. ● PART A & PART B: This section contains questions to assess the intellectual and comprehensive writing skills. ● Sample Question Paper: This section contains sample question paper. ● Digital Solutions DESCRIPTION The main features of this book are as follows: ● The language of the book is simple and easy to understand. ● The book focuses on Free and Open-Source Software (Foss) with highlights of MS Office. ● Notes are given for add-on knowledge. ● Students are provided with fun facts about the topic. ● Lab Activities are added in between the chapters to develop practical skills. ● The applications of IT Tools are discussed with real life scenarios. ● The contents will help to create opportunity for better job prospects with respect to IT fields. WHAT WILL YOU LEARN You will learn about: ● Fundamentals of computers ● ICT Tools ● Word Processing ● Handling Spreadsheets ● Creating Presentation ● Writing basic Python/Scratch Program WHO THIS BOOK IS FOR Grade - 9 TABLE OF CONTENTS 1. Unit-1: Basics of Information Technology (a) Chapter-1 Basics of Information Technology 2. Unit-2: Cyber Safety (a) Chapter-2 Cyber Safety 3. Unit-3: Office

Tools (a) Chapter-3 Working with Word Processor (b) Chapter-4 Working with Presentation (c) Chapter-5 Effects in Presentation (d) Chapter-6 Working with Spreadsheet (e) Chapter-7 Data Analysis 4. Unit-4: Scratch or Python (a) Chapter-8 Scratch (b) Chapter-9 Animation in Scratch (c) Chapter-10 Python 5. Practical Work 6. Viva Voce Questions 7. Projects 8. Glossary 9. Sample Question Paper

Oswaal CBSE Chapterwise & Topicwise Question Bank Class 9 Computer Application Book (For 2022-23 Exam) Oswaal Editorial Board 2022-05-23 Chapter Navigation Tools • CBSE Syllabus : Strictly as per the latest CBSE Syllabus dated: April 21, 2022 Cir. No. Acad-48/2022 Latest Updates: Newly added topics/concepts has been included via dynamic code • Revision Notes: Chapter wise & Topic wise • Exam Questions: Includes Previous Years KVS exam questions • New Typology of Questions: MCQs, VSA, SA & LA including case based questions • NCERT Corner: Fully Solved Textbook Questions (Exemplar Questions in Physics, Chemistry, Biology) Exam Oriented Prep Tools • Commonly Made Errors & Answering Tips to avoid errors and score improvement • Mind Maps for quick learning • Concept Videos for blended learning • Academically Important (AI) look out for highly expected questions for the upcoming exams • Mnemonics for better memorisation • Self Assessment Papers Unit wise test for self preparation

VHDL: Basics to Programming Gaganpreet Kaur 2011

Unit 1 Biology Basics Science Education Resources 2021-02 A workbook covering information relating to the Unit 1 VCE Biology course.

The UNESCO Training Manual for the Protection of the Underwater Cultural Heritage in Latin America and the Caribbean Netherlands. Ministry of Education, Culture and Science. Cultural Heritage Agency 2021-03-10

Prentice Hall Geometry 1998

Business Math Basics Robert E. Swindle 1979

Pharmacology Eugenia M. Fulcher 2011-10-21 Take your understanding to a whole new level with Pageburst digital books on VitalSource! Easy-to-use, interactive features let you make highlights, share notes, run instant topic searches, and so much more. Best of all, with Pageburst, you get flexible online, offline, and mobile access to all your digital books. Comprehensive yet easy to read, *Pharmacology: Principles and Applications*, 3rd Edition introduces you to basic pharmacology, showing how to apply principles to the kinds of clinical situations you will encounter on the job. You'll learn how different drugs work in the body, how to calculate drug dosages, drug administration routes and procedures, the medications related to disorders in each body system, and much more. Written by expert authors Eugenia M. Fulcher, Robert M. Fulcher, and Cathy Dubeansky Soto, *Pharmacology* ensures that you master all of the pharmacology competencies required by CAAHEP and ABHES. In the book and on a companion Evolve website, a variety of exercises helps you strengthen your

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skills in math, dosage calculation, and critical thinking. Practical coverage of basic pharmacology provides a thorough understanding of the medications most commonly used in ambulatory and inpatient settings. A real-life Scenario starts each chapter with thought-provoking questions to consider as you progress through the material. Procedures boxes provide step-by-step guidance for drug calculation and administration, accompanied by numerous illustrations and icons that identify OSHA-mandated protocols. Common Signs & Symptoms of Diseases and Common Side Effects of Medications lists in each body system chapter help you distinguish between disease progression and medication reactions. Body systems icons highlight the ways that specific drugs affect a particular body system. Chapter objectives and key words at the beginning of each chapter help you focus your study efforts. Check Your Understanding math review sections enable you to assess your knowledge of application and calculation concepts. Critical Thinking exercises challenge you to apply what you've learned to a variety of realistic situations. Important Facts and Clinical Tips boxes in each chapter highlight the key concepts for practice. Patient Education for Compliance boxes help you communicate more effectively with patients about possible side effects or adverse reactions. Summary tables are more concise and easier to follow. New calculations exercises and quizzes are included on the companion Evolve website. Expanded math and drug calculation sections in the workbook supplement the textbook with additional exercises for practice with math and dosage calculations. Available separately.

Museum Basics Timothy Ambrose 2006-04-18 Fully updated and extended to include the many changes that have occurred in the last decade and including glossary, sources of information and bibliography, this books draws on a wide range of practical experience to provide an invaluable guide to all aspects of museum work and staff experience for museums worldwide.

Serger Sewing Basics 2014-09-01 Loaded with tips and hints for sewing success, this book demystifies the anatomy, setup, and use of a serger. Whether a neophyte to sewing or someone with years of experience, crafters can learn multiple stitches and decorative techniques from this comprehensive guide. By mastering stitches such as overlock, flatlock, rolled edge, and cover stitch; techniques such as quilting and heirloom; and the finer points of garment construction, sewers can quickly and efficiently delve into new creative sewing territory. Detailed instructions and step-by-step photos and illustrations accompany 13 delightful home decor projects for the kitchen, living room, and bedroom.

Phonics Basics School Specialty Publishing 2001-09-11 Giving students a boost in Phonics! Best Buy Bargain Books: Phonics Basics, Grades 1-2 features fun-filled activities that reinforce essential skills needed in Phonics. In this must have, 128 page book children will draw pictures, identify and write words, and complete sentences on their way to learning phonics basics! Children will enjoy completing these motivating activities that include easy-to-understand directions and a complete answer key. Features: • Reproducible activities • Activity pages can be used individually or as part of a unit • Answer key Truly

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Basic Guide to the National Labor Relations Act United States. National Labor Relations Board. Office of the General Counsel 1997

Korean Language for Beginners Andrea De Benedittis 2017-06-07 This book is a complete guide for people who want to learn the Korean language, starting from the very beginning, and learn the alphabet and the correct sounds of vowels, consonants, and diphthongs. It was written for people who want an easy but systematic approach to the language. The writer is a non-native speaker who started learning the language from ZERO, just like you and spent years in Korea trying to reach a better level of proficiency in Korean. After a few weeks of study, you will study to recognize words, make sentences, and have simple (but miraculous) conversations with other Korean speakers!

Understanding DC Circuits Dale Patrick 1999-11-30 Understanding DC Circuits covers the first half of a basic electronic circuits theory course, integrating theory and laboratory practice into a single text. Several key features in each unit make this an excellent teaching tool: objectives, key terms, self-tests, lab experiments, and a unit exam. Understanding DC Circuits is designed with the electronics beginner and student in mind. The authors use a practical approach, exposing the reader to the systems that are built with DC circuits, making it easy for beginners to master even complex concepts in electronics while gradually building their knowledge base of both theory and applications. Each chapter includes easy-to-read text accompanied by clear and concise graphics fully explaining each concept before moving onto the next. The authors have provided section quizzes and chapter tests so the readers can monitor their progress and review any sections before moving onto the next chapter. Each chapter also includes several electronics experiments, allowing the reader to build small circuits and low-cost projects for the added bonus of hands-on experience in DC electronics. Understanding DC Circuits fully covers dozens of topics including energy and matter; static electricity; electrical current; conductors; insulators; voltage; resistance; schematic diagrams and symbols; wiring diagrams; block diagrams; batteries; tools and equipment; test and measurement; series circuits; parallel circuits; magnetism; electromagnetism; inductance; capacitance; soldering techniques; circuit troubleshooting; basic electrical safety; plus much more. Integrates theory and lab experiments Contains course and learning objectives and self-quizzes Heavily illustrated

FCS Management Practice L2 Chris Bezuidenhout, Anella Markides 2007

Everything You Need to Ace Geometry in One Big Fat Notebook Workman Publishing

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2020-09-01 The Big Fat Notebooks are going to high school! Published just four years ago, the Big Fat Notebooks—with nearly 4.6 million copies in print and sales escalating every year—revolutionized the study guide for middle schoolers. Now this lifesaving series is ready to graduate. Announcing the first two titles for high school students: Everything You Need to Ace Geometry in One Big Fat Notebook and Everything You Need to Ace Chemistry in One Big Fat Notebook. Designed as the natural next step for the savvy students (and stressed parents) who made Math (over 1 million copies in print) and Science (over 1 million copies in print) the bestselling titles in the middle school series, these books offer a world of help for two of the tougher classes facing most high school sophomores, geometry and chemistry. Using the same formula that made the middle school series so successful, these new high school titles tackle difficult subjects in a lively, memorable, intuitive way. Critical ideas are broken down and clearly explained. Doodles illuminate tricky concepts. There are mnemonics for memorable shortcuts, and quizzes to recap it all. Geometry, written by high school math teacher extraordinaire Christy Needham, follows along with a year of geometry class, starting with the basics, like points, lines, planes, and angles, and progressing to the beginning of trigonometry. Big Fat Notebooks are already helping millions of middle school students. Now high schoolers will enjoy and benefit from this kind of brilliant help—a set of notes, as if from the smartest kid in class, to help them study throughout the year, get ready for challenging exams, and know they have a source to turn to when they need to catch up on missed problems or understand the most difficult or confusing concepts.

Electric Power Principles James L. Kirtley 2020-03-09 A revised and updated text that explores the fundamentals of the physics of electric power handling systems The revised and updated second edition of *Electric Power Principles: Sources, Conversion, Distribution and Use* offers an innovative and comprehensive approach to the fundamentals of electric power. The author – a noted expert on the topic – provides a thorough grounding in electric power systems, with an informative discussion on per-unit normalisations, symmetrical components and iterative load flow calculations. The text covers the most important topics within the power system, such as protection and DC transmission, and examines both traditional power plants and those used for extracting sustainable energy from wind and sunlight. The text explores the principles of electromechanical energy conversion and magnetic circuits and synchronous machines – the most important generators of electric power. The book also contains information on power electronics, induction and direct current motors. This new second edition includes: A new chapter on energy storage, including battery modeling and how energy storage and associated power electronics can be used to modify system dynamics Information on voltage stability and bifurcation The addition of Newton's Method for load flow calculations Material on the grounding transformer connections added to the section on three phase transformer An example of the unified power flow controller for voltage support Written for students studying electric power systems and electrical engineering, the updated second edition of *Electric Power Principles: Sources, Conversion, Distribution and Use* is the classroom-

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tested text that offers an understanding of the basics of the physics of electric power handling systems.

Activities Workbook for Sprague's Microsoft Visual Basic .net I Michael Sprague
2002-09-09

Hello Retail @ Level-1 Niteesh Chaudhry 2016-04-18 This book covers basics of retail as per CBSE syllabus of class-IX (level-1) under vocational educational scheme by NSQF. To the point explanation with practicals & assignment after each chapter. This book will help student to learn basics of retail with examples and after completing this book students will be fully equipped to enter the exciting Indian retail market.

Science Readers: A Closer Look: Basics of Matter Kit 2010-11-09 Help elementary students discover the solids, liquids, and gases that make up the world around them. Science Readers: A Closer Look: Basics of Matter: Complete Kit includes: Books (6 titles, 6 copies each, 32 pages per book); data analysis activities; audio recordings; digital resources; and a Teacher's Guide.

Computer Fundamentals (WBSCTE) Ashok Arora This book developed in accordance to the syllabus of Bihar Polytechnic provides the students not just the knowledge about the fundamentals of a computer system, like its organization, memory management and hardware devices, but also the software that run on it. The book then proceeds to describe operating systems, and the basics of programming concepts like procedure-oriented programming and object-oriented programming. Useful application software like MS Word, MS Excel and MS PowerPoint are described in great detail in separate chapters. A complete section has been devoted to the teaching of data communication, networking and Internet. Key Features • Incorporates basics of IT along with developing skills for using various IT tools • Includes diagrams, pictures and screenshots • Provides key terms, review questions, practical exercises, group discussions, project activities and application- based case studies in each chapter

Basics of Digital Computers United States. Bureau of Naval Personnel

Applications of Grammar Ed Shewan 2000-10-09 Answers to Applications of Grammar student workbook 1, grade 7.

Intro to Geometry Mary Lee Vivian 2003 The activities in this book are designed to provide students with practice in the skill areas required to understand basic geometry concepts. The focus is on congruence and similarity, classifying various kinds of angles and triangles, transformations, parallel and perpendicular lines, properties of geometric figures, arcs and chords, and finding surface area and volume.

Basics Kaplan 2016-03-29 Ace your nursing school assignments and exams with Kaplan's The Basics content guide. Up-to-date. Updated annually by Kaplan's expert nursing faculty. Complete. Contains easy-to-understand outlines of basic

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content to prepare for all your nursing school assignments and tests. Learner-efficient. Organized in outline format with information presented in easy-access tables. Trusted. Used by thousands of students each year to succeed in nursing school and beyond. Chapters mirror the content covered in your nursing school curriculum so you know you have complete content coverage.

Geometry, Grade 10 Practive Masters Jurgensen 1984-11-09

Kinematics of Machinery Anup Goel 2021-01-01 Kinematics of Machinery is the branch of engineering science which deals with the study of relative motion between the various parts of a machine and the forces which act on them. It gives information about the basic concepts and layout of linkages in the assembly of a system or a machine. The subject provides information about the principles in analysing the assembly with respect to the displacement, velocity and acceleration at any point in a link of a mechanism. This book gives technique to find velocity and acceleration of different mechanisms by graphical and analytical methods. It also includes the basic concepts of toothed gearing and kinematics of gear trains and the effect of friction in motion transmission and in machine components. My hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge.

Geometry Basics, Grades 5 - 8 Schyrlet Cameron 2016-01-04 Geometry Basics for grades 5 to 8 targets the basic geometry concepts students need to understand and perform operations involved in higher-level math. In this standards-based series, students are given practice with lines, angles, circles, perimeter, area, volume, two-dimensional figures, and three-dimensional figures. --Mark Twain Media Publishing Company specializes in providing engaging supplemental books and decorative resources to complement middle- and upper-grade classrooms. Designed by leading educators, this product line covers a range of subjects including math, science, language arts, social studies, history, government, fine arts, and character.

Design, Development, and Management of Resources for Digital Library Services Ashraf, Tariq 2012-11-30 "This book offers a global perspective on the development and design of a digital library and highlights its benefits over a traditional library"--Provided by publisher.