

Part 1: Design

10 marks

1. **Identify listed issues:** Each learner in the group generates possible design ideas, then shares these ideas, providing as much detail as possible.
2. **Evaluate and design:** Teams evaluate individual design ideas and collectively develop a final design idea based on the strengths of each member's ideas.
3. **Design brief:** Write a design brief with detailed specifications for the final design idea, covering essential tasks or uses, materials, safety, and functionality.
4. **Flow chart:** Teams discuss how to proceed with the design and construction phases, and each learner creates a flowchart to outline the steps to be taken.

Part 2: Pricing and Bidding

10 marks

1. **Working drawings:** Each learner is responsible for creating detailed plan drawings for an aspect of the plan, using first-angle orthographic projection. Ensure that you add a suitable scale, correct line types, and dimensions.
2. **Budget:** Prepare a budget for the "real-life" situation, including necessary materials and labour costs. Ensure that your budget is realistic and based on real market costs.
3. **Model of a viable solution:** Build a scale model of your final design idea. The model should be constructed neatly and show intelligent use of materials, design practice, safety, when working with tools and materials.

Part 3: Evaluation

10 marks

1. **Evaluation instrument:** Collaborate as a team to create an evaluation instrument. This instrument will be used to assess your team's solution and another team's solution. You will use this during the presentation phase.

Part 4: Communication

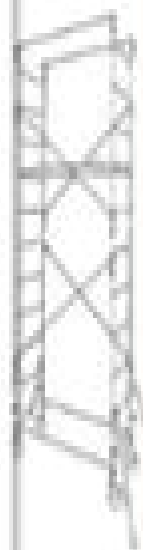
10 marks

1. **Team Presentation:** Teams will present their tender bid to the "Tender board" (your teacher and classmates). Each team member must be responsible for presenting a specific aspect of the project. Your presentation should include drawings, plans, the budget, the model, and written responses.

Contractors

Design
Phase 1/2

10 marks



Name:

Class:

Grade 9 CAPS Technology

Mini-PAT

Community Issues – The Contractors

In this Mini-PAT (Practical Assessment Task), you will act as part of a contracting company competing for a contract to design and build a structure that addresses a problem facing a community. The project will focus on identifying a problem, investigating possible solutions, designing a structure, costing the project, and evaluating the final solution. You will be working in a group.

Instructions

Part 1: The Tender Process (Including Ethical Practices)

10 marks

1. **Scenario Introduction:** A community lives on a major river's far bank. The river is wide and deep, preventing the people from reaching the city on the opposite side. This means that the people cannot take advantage of the work opportunities, the excellent medical and schools facilities, and the wide range of shops available in the city.

2. **Investigation:** Teams discuss possible structures to solve

ink saving Eco

Mini Pat Grade 9 Exam 2014

Beth Kelsey,Jamille Nagtalon-Ramos

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The Military Advantage, 2014 Edition Terry Howell, 2014-05-15 The Military Advantage 2014 Edition is the most complete annual reference guide to Military and Veteran s benefits Written by Terry Howell Managing Editor for Benefits for Military com the guide is backed by the resources of Military com and its parent company Monster com The Military Advantage 2014 Edition is the most reliable benefits guide for the over 30 million Americans who have answered the call to serve in the military These valuable benefits amount to billions in scholarships educational benefits home loan guarantees and military discounts These extraordinary benefits are frequently overlooked by those serving in uniform or retired from the service The Military Advantage 2014 Edition insures that all service members and their families are aware of the availability of all of these substantial benefits This easy to use reference guide is full of insider tips little known benefits shortcuts and detailed answers to frequently asked questions While information about these military and veterans benefits is available through numerous separate sources this book collects all of those valuable resources into one easy to use reference guide and provides important analysis of these benefits The Military Advantage 2014 Edition is the well established essential guide to making the most of the military experience for active duty service members veterans military retirees and family members

Business Law 2013-2014 J. Scott Slorach, Jason G. Ellis, 2013-08-08 This title contains detailed coverage of partnerships company law taxation EC law and insolvency making the book ideally suited to the Legal Practice Course 5 Steps to a 5 AP Environmental Science, 2014-2015 Edition Linda D. Williams, 2013-07-24 Get ready for your AP exam with this straightforward and easy to follow study guide updated for all the latest exam changes 5 Steps to a 5 AP Environmental Science features an effective 5 step plan to guide your preparation program and help you build the skills knowledge and test taking confidence you need to succeed This fully revised edition covers the latest course syllabus and provides model tests that reflect the latest version of the exam Inside you will find 5 Step Plan to a Perfect 5 1 Set Up Your Study Program 2 Determine Your Test Readiness 3 Develop Strategies for Success 4 Develop the Knowledge You Need to Score High 5 Build Your Test Taking Confidence 2 complete practice AP Environmental Science exams 3 separate plans to fit your study style Review material updated and geared to the most recent tests Savvy information on how tests are constructed scored and used

Daily Graphic Ransford Tetteh, 2014-04-22 **EFA Global Monitoring Report - 2013-2014 - Teaching and Learning Achieving quality for all** UNESCO, 2014-02-04 The 2013 2014 Education for All Global Monitoring Report shows that a lack of attention to education quality and a failure to reach the marginalized have contributed to a learning crisis that needs urgent attention Worldwide 250 million children many of them from disadvantaged backgrounds are not learning the basics Teaching and Learning Achieving Quality for All describes how policy makers can support and sustain a quality education system for all children regardless of background by providing the best teachers The Report also documents global progress in achieving Education for All goals and provides lessons for setting a new education agenda post 2015 In addition

the Report identifies that insufficient financing is hindering advances in education 5 Steps to a 5 AP Environmental Science, 2014-2015 Edition Linda Williams, 2013-07-09 Get ready for your AP exam with this straightforward and easy to follow study guide updated for all the latest exam changes 5 Steps to a 5 AP Environmental Science features an effective 5 step plan to guide your preparation program and help you build the skills knowledge and test taking confidence you need to succeed This fully revised edition covers the latest course syllabus and provides model tests that reflect the latest version of the exam Inside you will find 5 Step Plan to a Perfect 5 1 Set Up Your Study Program 2 Determine Your Test Readiness 3 Develop Strategies for Success 4 Develop the Knowledge You Need to Score High 5 Build Your Test Taking Confidence 2 complete practice AP Environmental Science exams 3 separate plans to fit your study style Review material updated and geared to the most recent tests Savvy information on how tests are constructed scored and used The Economics of Education Steve Bradley, Colin Green, 2020-01-17 The Economics of Education A Comprehensive Overview Second Edition offers a comprehensive and current overview of the field of that is broadly accessible economists researchers and students This new edition revises the original 50 authoritative articles and adds Developed US and European and Developing Country perspectives reflecting the differences in institutional structures that help to shape teacher labor markets and the effect of competition on student outcomes Provides international perspectives that describe the origins of key subjects their major issues and proponents their landmark studies and opportunities for future research Increases developing country perspectives and comparisons of cross country institutions Requires no prior knowledge of the economics of education **Statistics for the Social Sciences** Russell T. Warne, 2020-12-17 The second edition of Statistics for the Social Sciences prepares students from a wide range of disciplines to interpret and learn the statistical methods critical to their field of study By using the General Linear Model GLM the author builds a foundation that enables students to see how statistical methods are interrelated enabling them to build on the basic skills The author makes statistics relevant to students varying majors by using fascinating real life examples from the social sciences Students who use this edition will benefit from clear explanations warnings against common erroneous beliefs about statistics and the latest developments in the philosophy reporting and practice of statistics in the social sciences The textbook is packed with helpful pedagogical features including learning goals guided practice and reflection questions **FOUR ONE SIX - A JOURNEY** PRASAD TANAJI DALVI, 2014-08-11 A student s journal of MBA learning and experiences at IE Business School Madrid Blumgart's Surgery of the Liver, Biliary Tract and Pancreas, 2-Volume Set - E-Book William R. Jarnagin, 2022-09-13 Balancing basic science with information on everyday clinical practice Blumgart s Surgery of the Liver Biliary Tract and Pancreas 7th Edition provides you with expert guidance and advances in the field so you can offer patients the most optimal diagnostic and surgical care In two convenient volumes Dr William Jarnagin and his team of internationally recognized surgeons cover exactly what you need to know including advances in diagnostic and surgical techniques minimally invasive surgeries new interventional diagnostic

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