

Creative Problem Solving



New for 2016-2017
Editorial updates and clarifications have been made to guidelines.

Purpose: To encourage HOSA members to analyze the problem solving process and to work as a team to apply their problem solving skills in creating a solution to a hypothetical health or HOSA-related problem.

Description This event will involve two rounds of competition. Round One will consist of a written test to evaluate the team's understanding of problem solving processes and theories. Written test will measure knowledge and understanding at the recall, application or analysis levels. Higher-order thinking skills will be incorporated as appropriate. The top scoring teams will advance to Round Two and will be given a potential problem related to HOSA, the health community, or a specific health issue. Teams will have 30 minutes to analyze the problem. Selected resource materials related to the problem will be provided. At the end of the preparation time, teams will have eight (8) minutes to present their solution to a panel of judges.

Dress Code: Competitors shall wear the HOSA uniform or proper business attire. Bonus points will be awarded in both rounds for [proper dress](#). All team members must be properly dressed to receive bonus points.

- Rules and Procedures**
1. Competitors in this event must be active members of HOSA in good standing in the division in which they are registered to compete (Secondary or Postsecondary/Collegiate).
 2. Competitors must be familiar with and adhere to the ["General Rules and Regulations of the National HOSA Competitive Events Program \(GRR\)"](#)
 3. Teams must be composed of three (3) or four (4) members.
 4. [Round One Test Instructions:](#) Each team will be evaluated in Round One by a fifty (50) item multiple choice written test. Competitors will be given sixty (60) minutes to complete the test, which will be administered during the event orientation session. **No proxies are allowed for this event.** Team scores will be averaged to determine who will qualify for Round Two. The averaged scores will be added to the final presentation score for a final tally.

Round I: Written Test Plan

- | | |
|---|-----|
| • Theory/Skills of Creative Thinking | 40% |
| • Problem Identification | 10% |
| • Clarification of Problems/Developing Objectives | 15% |
| • Problem Solving Strategies | 10% |
| • Examining constraints/developing alternatives | 15% |
| • Sharing Decisions/Implementation | 10% |

Hosa Creative Problem Solving Study Guide

Ying Liu



Hosa Creative Problem Solving Study Guide:

Resources in Education ,1995 **Resources in Education** ,1995 *Who's who Among Students in American Universities and Colleges* Henry Pettus Randall,1997 **Bibliography of Agriculture with Subject Index** ,1989

Creative Problem Solving Robert Harris,2023-05-09 Provides step by step guidance on evaluating and implementing creative problem solving solutions Ideal for all students who are pursuing careers as decision makers Defines creative thinking and dispels misconceptions and negative attitudes that prevent students from taking creative approaches to their work Current Index to Journals in Education ,1980 Strategies for Creative Problem Solving H. Scott Fogler,Steven E. LeBlanc,1995 Designed to help problem solvers improve their street smarts this hands on guide examines the components of problem solving and presents a series of graduated exercises drawn from a variety of industrial applications to familiarize reinforce challenge and stretch readers creatively in the problem solving process Leads readers step by step through a complete problem solving process from encountering an ill defined problem to identifying the real problem effectively exploring constraints planning a robust approach carrying it through to a viable solution and then evaluating what has been accomplished MARKETS For students new professionals and practitioners *Creative Problem Solving* Donald J. Treffinger,Scott G. Isaksen,K. Brian Stead-Dorval,2023-04-14 Creative Problem Solving is a process that allows people to apply both creative and critical thinking to find solutions to everyday problems Creative Problem Solving eliminates the tendency to approach problems in a haphazard manner and consequently prevents surprises and or disappointment with the solution Used by thousands of group leaders seeking a friendly introduction to using Creative Problem Solving this book is a time honored classic Creative Problem Solving An Introduction is based on more than five decades of extensive research development and field experience in educational settings businesses and many other organizations Written for both group leaders and individuals seeking a systematic way to build innovative and effective solutions Creative Problem Solving is perfect for any type of setting This definitive guide shows you how to find successful solutions to important challenges Creative Problem Solving CPS can help your students to approach problems and deal with change in a deliberate and constructive way building their confidence and success in working with complex issues This revised and updated fourth edition includes easy to follow instructions for using Creative Problem Solving practical tools for understanding the challenge generating ideas and preparing for action expanded guidelines for planning your approach to Creative Problem Solving strategies that ensure successful group dynamics the latest trends in creative thinking and group problem solving and practical suggestions for those new to Creative Problem Solving Educational Resource **Creative Problem Solving A/B** David Watson,1995 Produced for undergraduate units SRD171 and SRD172 Creative problem solving A B offered by the Faculty of Science and Technology s School of Architecture and Building in Deakin University s Open Campus Program *Creative Problem Solving* Gillian Ragsdell,1999 **Creative Approaches to Problem Solving** Scott G. Isaksen,K. Brian

Dorval, Donald J. Treffinger, 2011 *Creative Approaches to Problem Solving CAPS* is a comprehensive text covering the well known cited and used system for problem solving and creativity known as Creative Problem Solving CPS CPS is a flexible system used to help individuals and groups solve problems manage change and deliver innovation It provides a framework language guidelines and set of easy to use tools for understanding challenges generating ideas and transforming promising ideas into action Features and Benefits Specific objectives in each chapter for the reader This provides a clear focus for instruction or independent learning Practical case study introduced in the beginning of each chapter and then completed as a rest of the story toward the end of the chapter This feature provides an application anchor for the reader Upgraded mix of graphics These updated and refreshed graphics include tables figures and illustrative images that are designed to provide pictures to go along with the word The aim has been to aid attention retention and practical application Enhanced emphasis on flexible dynamic process Enables users to select and apply CPS tools components and stages in a meaningful way that meets their actual needs A framework for problem solving that has been tested and applied across ages settings and cultures Readers can apply a common approach to process across many traditional boundaries that have limited effectiveness **Creative Problem Solving** Scott G. Isaksen, Donald J. Treffinger, 1985 **FunThink** C. Ray Frigard, 2008-06-19 **FunThink 12 Tools for Creative Problem Solving** is the first book that uses engaging hands on activities to guide the educator student through the problem solving process using 12 proven creativity tools There are no special skills needed to be successful in the FunThink activities They are designed to draw out innate creativity as well as spark original thought and creative problem solving The activities are appropriate for ages 8 through adult Through research in creativity development and drawing from my 35 years of experience in design and invention I've concluded there is a great need for material that would help children and adults experience the creative process **Creative Problem Solving** Edward Lumsdaine, Monika Lumsdaine, 1995 **Creative ability in business** **Creative Problem Solving Kit** Donald Treffinger, 2006-04-01 This is a 51 page reproducible Actionbook for use with the Creative Problem Solving Kit **Creative Problem Solving in Art & Design** John Wilkins, 1984 *Toolbox for Creative Problem Solving* Scott G. Isaksen, K. Brian Dorval, Donald J. Treffinger, Donald T. Treffinger, 1998-01-01 **Creative Problem Solving** Donald J. Treffinger, Scott G. Isaksen, K. Brian Dorval, 1994 Provides a concise introduction to and overview of Creative Problem Solving CPS an approach used widely in business and education Focuses upon the contemporary view of CPS including its major components and specific stages **Creative Problem Solving and Decision Making** , **Creative Problem Solving A Complete Guide - 2020 Edition** Gerardus Blokdyk, 2020-02-02 What are some other

specific creative problem solving tools and techniques Does creative problem solving work What is the advantage of creative problem solving in a group How do you improve your creative problem solving skills What is creative problem solving Defining designing creating and implementing a process to solve a challenge or meet an objective is the most valuable role In EVERY group company organization and department Unless you are talking a one time single use project there should be a process Whether that process is managed and implemented by humans AI or a combination of the two it needs to be designed by someone with a complex enough perspective to ask the right questions Someone capable of asking the right questions and step back and say What are we really trying to accomplish here And is there a different way to look at it This Self Assessment empowers people to do just that whether their title is entrepreneur manager consultant Vice President CxO etc they are the people who rule the future They are the person who asks the right questions to make Creative Problem Solving investments work better This Creative Problem Solving All Inclusive Self Assessment enables You to be that person All the tools you need to an in depth Creative Problem Solving Self Assessment Featuring 955 new and updated case based questions organized into seven core areas of process design this Self Assessment will help you identify areas in which Creative Problem Solving improvements can be made In using the questions you will be better able to diagnose Creative Problem Solving projects initiatives organizations businesses and processes using accepted diagnostic standards and practices implement evidence based best practice strategies aligned with overall goals integrate recent advances in Creative Problem Solving and process design strategies into practice according to best practice guidelines Using a Self Assessment tool known as the Creative Problem Solving Scorecard you will develop a clear picture of which Creative Problem Solving areas need attention Your purchase includes access details to the Creative Problem Solving self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows your organization exactly what to do next You will receive the following contents with New and Updated specific criteria The latest quick edition of the book in PDF The latest complete edition of the book in PDF which criteria correspond to the criteria in The Self Assessment Excel Dashboard Example pre filled Self Assessment Excel Dashboard to get familiar with results generation In depth and specific Creative Problem Solving Checklists Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books Lifetime Updates is an industry first feature which allows you to receive verified self assessment updates ensuring you always have the most accurate information at your fingertips

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