

Dynamic Decisions

Event Category: Teamwork.....

Eligible Divisions: Middle School	Round One: Online 35 Q test (60 minutes)	Digital Upload: NO
Team Event: 2-6 competitors per team	Round Two: Problem (15 min prep) + Presentation (5 minutes)	Allowed Presentation Materials: Prepared Flip Chart from prep time. Notecards (optional)

Round 1 will take place during the SLC Online Testing Window

February 24th - March 2nd (8am-6pm)

- ✓ Chapter advisors will coordinate testing time and location for the online testing session within the designated testing window.
- ✓ Chapter advisor must designate a proctor for the testing session that does not have content knowledge related to any HOSA event ensuring the integrity of the competitive events program.

Event Summary

Dynamic Decisions enables **Middle School Division** HOSA members to acquire the knowledge and skills necessary for devising a solution to a health or HOSA-related issue. This competitive event consists of two rounds; each team consists of 2-6 people. Round One is a online, multiple-choice test covering decision-making and problem-solving concepts. The top-scoring teams will advance to Round Two, where they will participate in the Secret Topic and Presentation. This event aims to inspire members to be proactive future health professionals and utilize analytical decision-making processes while working creatively as a team.

General Event Information

General Rules	Competitors must be familiar with and adhere to the General Rules and Regulations . ALL team members must be properly dressed to receive bonus points.
Dress Code	Round One: The Chapter Advisor will determine the dress code requirements for all SLC online testing events Round Two: HOSA's Official Uniform or HOSA Business Dress. Appendix D Teams not dressed appropriately for Round Two may not be allowed to compete. 26-27 HOSA Appendix D Dress Code FINAL .docx
Competitors Must Provide	• Laptop with internet access to the HOSA Online Testing System: https://testing.hosa.org/ • Photo ID for Round 2 • Blank index cards for presentation (optional) • Markers (provided by competitor) for preparing solution (2 pieces of flip chart paper will be provided by HOSA for each team) HOSA Conference Staff will provide equipment and supplies listed in Appendix I.
Official References	The references below are used in the development of the test questions. • Adair, John. Decision Making & Problem Solving: Break Through Barriers and Banish Uncertainty at Work (Creating Success, 8). Kogan Page. Latest edition.

- [Sternad, Dietmar. *Solve It!* Econcise Publishing. Latest edition.](#)

ROUND ONE- Test

Test Instructions	The online test will consist of 35 multiple-choice items in a maximum of 60 minutes.
Test Plan	The test plan for the Dynamic Decisions Test is: • Problem Solving Strategies- 44% • Effective Decision Making- 32% • Leader/Leadership Skills - 8% • Thinking Skills- 8% • Generating Ideas- 8%
Sample Test Questions	1. What is the leader's first task when conducting a brainstorming session? (Adair pp 69) A. Clarify the aim in a succinct sentence B. Highlight the background information and history C. Have a brief warm-up session D. Define the problem 2. Which of the following is NOT part of the process to clarify or solve the right problem? (Sternad pp 63) A. Reframe the problem B. Formulate your goals C. Challenge assumptions and constraints D. Create a short, written problem statement 3. What is the term for an idea that has been successfully developed as a new or renewed product or service? (Adair pp 91) A. Innovation B. Ingenuity C. Insight D. Inventiveness

ROUND TWO- Presentation to Judges

1. The top teams from Round One will advance to Round Two. The number of advancing teams will be determined by the scores obtained in Round One and the space and time available for Round Two. Round Two finalists will be posted on the conference app and HOSA SLC website..
2. Round Two Process: a. Teams will be given a problem to creatively solve. The problem is a secret topic. A sample of a secret topic can be found here. Each team will be asked to solve the same problem. Professional ethics demand that competitors <u>DO NOT discuss</u> or reveal the secret topic until after the event. Competitors who violate this ethical standard will be penalized in accordance with the GRRs. b. Resources about the secret topic may be provided to teams for use during their 15-minute preparation time (such as data, supporting research, etc.). c. Materials allowed in the preparation room to use during the 15-minute prep include; TWO blank flip chart sheets (provided by HOSA), and markers (provided by competitor), and index cards for taking notes (provided by competitor). d. The section leader will announce when teams have five (5) minutes and one (1) minute remaining in the preparation room.

- e. After the 15-minute preparation, teams will be escorted to another room for their oral presentation. Materials allowed in the oral presentation room include; index cards the team prepared as notes in the preparation room and flip chart paper the team prepared to support their solution in the preparation room. NO OTHER materials are allowed in the presentation with judges.
- f. Teams will be allowed a maximum of five (5) minutes for their oral presentation of a solution to the secret problem. The timekeeper shall present a flash card advising the competitors when there is one (1) minute remaining. Time will be stopped at the end of five (5) minutes.

3. All team members must take an active role in the presentation.

Final Scoring

1. The team's test score average will be added to the presentation score to determine the final results.
2. In the case of a tie, the highest averaged test score will be used to determine the final rank.

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Round Two Presentation Rubric

Team #: _____ Division: Middle School Judge's Signature: _____

A. Presentation Content:	EXCELLENT 15 points	GOOD 12 points	AVERAGE 9 points	FAIR 6 points	POOR 0 points	JUDGE SCORE
1. Understanding of problem/ health issue	Demonstrates clear evidence of a deep, insightful understanding of the problem or health issue.	Shows a solid grasp or understanding of the problem or health issue.	Demonstrates an average understanding of the problem or health issue. The judges are left with a few questions.	Shows a basic understanding of the problem or health issue. Judges left with more questions than answers.	The team is not able to demonstrate an understanding of the problem or health issue.	
2. An imaginative and innovative approach is used to solve the problem	The team provided creative, imaginative solution(s) that were highly innovative and thoughtful.	The solution was unique and offered a fresh approach to solving the problem. Missing the "wow" factor though.	The solution to the problem was adequately imaginative. I would like to see more innovation in the solution.	Solutions provided were unoriginal and little imagination was included in the presentation.	No evidence of imagination was used to solve the problem.	
3. Explanation of solution	Clear and concise explanation of the solution in a logical, well-constructed presentation.	The explanation of the solution was mostly clear and logical.	An average explanation of the solution was provided. Some aspects seem to be presented out of sequence.	The explanation of the solution did not flow and was hard to follow.	The explanation did not provide a logical solution and was fragmented.	
4. Applies previous knowledge and experience to current problem	Clear, thorough connection to prior knowledge and experiences were used to enhance the solution to the current problem.	Good examples of previous knowledge and experiences were applied to the solution of the current problem.	Some teams demonstrate prior knowledge and experiences were applied to the solution of the current problem.	Prior knowledge and experiences were not clearly demonstrated in correlation to the current problem.	No prior knowledge or experiences were connected to the current problem.	
A. Presentation Content	EXCELLENT 10 points	GOOD 8 points	AVERAGE 6 points	FAIR 4 points	POOR 0 points	JUDGE SCORE
5. Explanation of solution is financially sound	The solution is realistic and financially sound. The resources required to fund this solution are thoughtful and concise.	The solution appears to be financially sound. Slight questions arise on the feasibility of the budget and ability to complete the task in a fiscally responsible manner.	The solution may require resources that are outside the budget constraints of this project. Careful consideration must be made to move forward with this project.	The solution provides questionable budget requirements and would require further attention to detail.	The solution is outside of budget constraints and is not recommended to move forward as presented.	
6. Use of the information provided in the secret topic.	The presentation offered clear and effective use of the information provided in the secret topic.	The information on the secret topic was mostly effective in the presentation but could have been clearer.	The presentation provided an average use of the information provided in the secret topic.	The presentation used a small amount of the information provided to teams on the secret topic.	The team did not include information provided on the secret topic.	
B. Presentation Delivery	EXCELLENT 5 points	GOOD 4 points	AVERAGE 3 points	FAIR 2 points	POOR 0 points	JUDGE SCORE
1. Voice Pitch, tempo, volume, quality	Each team's voice was loud enough to hear. The competitors varied rate & volume to enhance the speech. Appropriate pausing was employed.	The team spoke loudly and clearly enough to be understood. The competitors varied rate OR volume to enhance the speech. Pauses attempted.	The team could be heard most of the time. The competitors attempted to use some variety in vocal quality, but not always successfully.	The team's voice is low. Judges have difficulty hearing the presentation	The judge had difficulty hearing and/or understanding much of the speech due to low volume. Little variety in rate or volume.	

B. Presentation Delivery	EXCELLENT 5 points	GOOD 4 points	AVERAGE 3 points	FAIR 2 points	POOR 0 points	JUDGE SCORE
2. Stage Presence Poise, posture, eye contact, and enthusiasm	Movements & gestures were purposeful and enhanced the delivery of the speech; did not distract. Body language reflects comfort interacting with the audience. Facial expressions/ body language generated a strong interest and enthusiasm for the topic.	The team maintained adequate posture and non-distracting movement during the speech. Some gestures were used. Facial expressions and body language sometimes generated an interest and enthusiasm for the topic.	Stiff or unnatural use of nonverbal behaviors. Body language reflects some discomfort interacting with the audience. Limited use of gestures to reinforce the verbal message. Facial expressions and body language are used to try to generate enthusiasm but seem somewhat forced.	The team's posture, body language, and facial expressions indicated a lack of enthusiasm for the topic. Movements were distracting.	No attempt was made to use body movement or gestures to enhance the message. No interest or enthusiasm for the topic came through in the presentation.	
3. Diction, Pronunciation & Grammar *Diction: Choice of words, with regard to correctness, clearness, and effectiveness. **Pronunciation: Act or manner of uttering officially.	Delivery emphasizes and enhances the message. Clear enunciation and pronunciation. No vocal fillers (ex: "ahs," "uh/ums," or "you-knows"). The tone heightened interest and complemented the verbal message.	Delivery helps to enhance the message. Clear enunciation and pronunciation. Minimal vocal fillers (ex: "ahs," "uh/ums," or "you-knows"). Tone complemented the verbal message	Delivery adequate. Enunciation and pronunciation are suitable. Noticeable verbal fillers (ex: "ahs," "uh/ums," or "you-knows") present. The tone seemed inconsistent at times.	Delivery quality is minimal. Regular verbal fillers (ex: "ahs," "uh/ums," or "you-knows") present. Delivery problems cause disruption to the message.	Many distracting errors in pronunciation and/or articulation. Monotone or inappropriate variation of vocal characteristics. Inconsistent with verbal message.	
4. Team Participation	Excellent example of shared collaboration in the presentation of the project. Each team member spoke and carried equal parts of the project presentation.	All but one person on the team was actively engaged in the project presentation.	The team worked together relatively well. Some team members spoke more than others.	The team did not work effectively together.	One team member dominated the presentation.	
TOTAL POINTS (100)						