



GIPS Scoring Process

EVALUATION

GIPS booklets for the IC 2022 topic are evaluated following the official GIPS [Evaluation Guidelines](#), regardless of how qualifying students were identified at the Affiliate level. Please be mindful that some Affiliates modify the guidelines for their competitions. The International Conference GIPS champions exhibit the best application of Future Problem Solving skills to the IC Future Scene. GIPS booklets are evaluated, and placement is determined based upon total points, rank, and quality term.

FPSPi's mission is to develop the ability of young people globally to design and achieve positive futures through problem solving using critical and creative thinking. FPSPi seeks to provide all participants with a positive experience with other people interested in problem solving for a better future.

The primary purpose of Future Problem Solving evaluation is to provide students with feedback that allows them to develop and improve their problem solving skills. FPSPi evaluators award points for the work that is submitted. Penalties are not deducted for incomplete work. Each FPS component is performance-based, and evaluation is an authentic assessment of student work. Because there is no single "right" answer in FPS, varying interpretations of student work are possible. It is the goal of FPSPi evaluation to provide a fair, consistent, and reliable method for comparing student work during the International Conference.

Scoring is undertaken in accordance with the Evaluation Guidelines that have been approved for each component. All Evaluators at the International Conference have completed a certification process after experience with an Affiliate Program. FPSPi evaluation utilizes possible point ranges with expectations for corresponding point ranges (see the [Evaluation Guidelines](#)). While there are guidelines and descriptions of expectations, FPSPi evaluation is based on subjective scoring. It is the decision of each evaluator to determine the points that will be awarded for each section of a score sheet. Each competitive submission receives multiple evaluations, and award winners go through multiple rounds of evaluations.

ROUND 1

- Each booklet receives two evaluations.
- Booklets are separated into packets of approximately 8 booklets. Packets are constructed so that an evaluator does not have the same booklet twice. Efforts are taken to minimize Affiliates competing against themselves, and reduce the frequency of evaluators scoring work from their Affiliate.
- Within each packet, total points for each booklet is used by the evaluator to determine the booklet's rank.
- Points, ranks, and quality terms from both evaluations are used to create a composite score. Values are assigned to a set range of points, ranks, and quality terms. This allows all three components to be considered equally to determine advancing booklets.
- The top booklets (and those tied with the last advancing booklet), based on the composite score, in each division, will advance to Round 2.
 - Top 15 booklets for Teams
 - Top 10 booklets for Individuals

ROUND 2

- Each booklet advanced to the Round 2 will receive an additional evaluation, from a team of evaluators that have not previously evaluated the booklets.



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- Four Evaluators will collectively complete one evaluation for each of the top booklets by division. Each will have a separate Step assignment.
 - Step 1
 - Step 3
 - Step 4/5
 - Step 6
- The Step 2 score will come from the average, then rounded Step 2 scores for each element from Round 1.
- Each of the four evaluators will complete an Overall section for their Step. The scores will be averaged to determine the evaluation's Overall scores.
- All three completed evaluations (2 from Round 1 and 1 from Round 2) will be processed through an evaluation matrix. The points earned in each step of the booklet will be added together. The booklets will be ranked for each step, with points awarded based on the ranking.
 - The top eleven team booklets (plus any ties), based on the composite evaluation matrix score will advance to the Final Round.
 - The top six individual booklets (plus any ties), based on the composite evaluation matrix score will advance to the Final Round.

FINAL ROUND

Paired Comparison Analysis (PCA) is an evaluation method that allows each step of two booklets to be compared head to head to determine which booklet is strongest overall. During PCA, all advancing booklets are compared head-to-head against the other booklets while referencing the completed score sheets from the previous rounds. During the PCA evaluation session, one team of three evaluators is used to evaluate the advancing booklets of an entire division. While completing a PCA, evaluators use the scoresheets from previous rounds and the actual GIPS booklets to determine which booklet is stronger.

AWARDS

Awards are given for top GIPS booklets by division, and will be announced during the Award Ceremony on Sunday, June 12. Following the conclusion of the Award Ceremony, score sheets will be available in FPSOnline. Awards for winners not present on-site will be mailed to the address on file for the coordinator as provided during registration.

NOTE: Awards for Non-US winners will be mailed to their Affiliate Director for distribution.

- 1st – 10th place Team booklets in each division are recognized at the Award Ceremony.
- 1st – 5th place Individual booklets in each division are recognized at the Award Ceremony.