



Space Station Rules & Guidelines

All teams must read and agree to the rules and guidelines listed below.

- All teams must submit a complete application packet no later than Friday, October 9, 2009.
- Teams must consist of three to five people in 5th through 8th grade.
- Each team must have one adult sponsor to serve as the team “coach” and coaches may submit as many teams as they would like.
- Entries will be judged based on the following areas:

PRELIMINARIES

- A) Physical Presentation
- B) Base Design Requirements
- C) Living Conditions
- D) Society
- E) Primary Mission
- F) Secondary Mission

FINALS

- G) 10-Minute Oral Presentation

- The Lunar Base must accommodate a crew of up to 40 people for two (2) years.
- The Lunar Base must take into account limited Earth support and provide some measure for self-support due to the high costs.
- Submissions must include a written report and a 3-D model which may not exceed one (1) meter in any axis. The model must be accompanied by metric scale drawings.
- Model construction cannot exceed \$50.00 in total cost. Receipts from purchases will be required and the use of recycled materials is encouraged.
- Entry must include the creation of a 30-centimeter diameter Mission Patch and name for the Lunar Base.
- A presentation board is not required, however teams may bring one.
- All written material and drawings used to support your entry must be made in **hard copy**. No electronic submissions are accepted under any circumstances.
- Material copied from a source must be surrounded in double quotes (“”) and the source indicated. For example: “This is material copied from somewhere,” *My Favorite Space Station Book*.
- The event preliminaries will take place on December 7th & 8th. Each team will present their project on only one of these days. The three teams with the highest scores in the judging categories (listed above) from each day will move on to the finals. There will be six finalist teams total.
- In the event of a tie, both teams will move onto the final competition.
- The final competition will take place on December 31st and will consist of each team delivering a 10-minute oral presentation. Each finalist team will be awarded one, two or three points based on what place they finished at the preliminaries (first place teams will receive three points, second place teams will receive two points and third place teams will receive 1 point). These points will be combined with the score from the oral presentation (25 points maximum) to determine the overall winning entry.
- The Aerospace Challenge champion will be the team with the highest score at the finals.
- In the event of a tie, the judges will be asked to rank the six finalists. The entry with the greatest combined total score and the highest rank will be announced as the winning entry.
- The use of electrical power is not permitted at the preliminary competition.
- **Past winning teams are ineligible.**
- **All judges’ decisions are final.**
- **Team scores will be available after the final competition. Team rank will not be available.**