ARCHITECTURAL DESIGN CHALLENGE

THIS IS A CHAPTER EVENT AND SHOULD BE ENTERED IN THE CLUB NAME (ex. Smith High School TSA).

Enter online at www.GeorgiaNationalFair.com
(http://www.georgianationalfair.com/youth-educational-exhibits/) by September 13, 2017.

Entries are limited to one per chapter.

DIVISION   40101 ARCHITECTURAL DESIGN CHALLENGE

CLASS
01   Architectural Design Challenge

Design Challenge Background: Design Challenge Background: After studying various restaurant designs from your surrounding areas, students use technology to create their very own restaurant.

OBJECTIVE:
Your team has been chosen to design a state of the art restaurant for a target group of your choice. Your team will decide on the type of cuisine they want to serve, the style of restaurant, the location, menu items, menu style & layout, and create an advertisement. Your team is faced with having to create a convincing plan to open a restaurant. You must create a restaurant name, floor plan, 3D rendering, menu, and advertisement to promote it. The menu must include healthy meal options, and cultural dishes. Entries are limited to one (1) per chapter.

PROCEDURES:
The display must be two dimensional. Students should submit their projects during the event check-in at Reaves Arena at the Georgia National Fair. The Drawing, Rendering, and Written Description shall be mounted on a 20x30 foam core board. See sample at bottom of page. During turn in, you will sign up for a time to return to your project to be interviewed by a judge. A copy of the online registration confirmation will be required to check-in for competition.

A copy of the online registration confirmation will be required to check-in for competition.

CONTEST RULES:
The design must meet the following criteria:
1. **All exhibitors are required to read and abide by the Georgia National Fair General Rules and Regulations.** **PLEASE NOTE: IT IS YOUR RESPONSIBILITY TO READ AND UNDERSTAND THE RULES. If you have questions, you may certainly e-mail us at sprice@gatsa.org or contests@gnfa.com. Please help us prevent entry disqualifications.**
2. The participants are to design an architectural floor plan that meets the current year's problem.
3. The floor plan is to be submitted on maximum drawing sheet cut size B (11" x 17") with standard scale as found on Architectural triangular scale, (1/8" = 1' - 0", 1/4" = 1' - 0", etc.). Smaller format is acceptable.
4. A 3-D rendering must be submitted on maximum drawing sheet cut size B (11" x 17"). Smaller format is acceptable.
5. While 3-D modeling may be used to enhance the rendering, the actual habitat should be the original work of the student. **Do not submit a physical 3-D model of your design.**
6. A written description of the style and merits of the design concepts must be included and should answer the following questions (1 page).
      a. How does your design meet the main requirements for the intended purpose?
      b. What are the advantages of your layout?
      c. Why have you included specific features?
      d. Please supply a list of all credits for any third party models used within your
      rendering.

ARCHITECTURAL DESIGN CHALLENGE (continued)

EVALUATION:

Design (35 pts)
• Does the design incorporate features needed and required for the intended purpose?
• Is the layout logical and functional?
• Are the sizes of the rooms adequate for their purpose?

Quality (25 pts)
• Is the drawing neat and precise?
• Are rooms properly labeled?
• Are dimensions correctly placed?

Written Description (25 pts)
• How does your design meet the main requirements for the intended purpose?
• What are the advantages of your layout?
• Why have you included specific features?
• List of credits

Rendering (15 points)
• 3-D Rendering

Interview (25 points)

Sample of Mounting