

The Reinventing Spaces Competitive Event is State Event conducted at the NJ FCCLA State Leadership Conference. It is an **individual** or **team** event that focuses on a living space that must be adapted for an alternate purpose. Participants must work to create a functional and appealing room design and floor plan that differs from the current purpose of the living space. Students must solve this design challenge using homestyler.com, floorplanner.com or sketchup.com. Participants must prepare an **oral presentation** and a **display board**. For the 2019 State Leadership Conference, participants must reinvent **two high school classrooms into a Child Growth and Development classroom**.

### NEW JERSEY CORE CURRICULUM STANDARDS

- RI.11-12.7 Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
- SL.11-12.4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.
- 9.3.12.AR-VIS.2 Analyze how the application of visual arts elements and principles of design communicate and express ideas.
- 9.3.12.AR-VIS.3 Analyze and create two and three - dimensional visual art forms using various media.
- 9.2.12.C.3 Identify transferable career skills and design alternate career plans
- 9.2.8.B.3 Evaluate communication, collaboration, and leadership skills that can be developed through school, home, work, and extracurricular activities for use in a career.
- 9.2.12.C.6 Investigate entrepreneurship opportunities as options for career planning and identify the knowledge, skills, abilities, and resources required for owning and managing a business.
- HSG-MG.A.3 Apply geometric methods to solve design problems (e.g., designing an object or structure to satisfy physical constraints or minimize cost; working with typographic grid systems based on ratios).
- HSF-LE.A.1a Prove that linear functions grow by equal differences over equal intervals, and that exponential functions grow by equal factors over equal intervals.

### CAREER READY PRACTICES

- ✓ Apply appropriate academic and technical skills.
- ✓ Communicate clearly and effectively with reason.
- ✓ Demonstrate creativity and innovation.
- ✓ Model integrity, ethical leadership and effective management.
- ✓ Utilize critical thinking to make sense of problems and persevere in solving them.
- ✓ Use technology to enhance productivity.

### NATIONAL STANDARDS FOR FAMILY AND CONSUMER SCIENCES

- 11.2.1 Evaluate the use of elements and principles of design in housing and commercial and residential interiors.
- 11.3.1 Analyze the product information, including but not limited to floor coverings, wall coverings, textiles, window treatments, furniture, lighting fixtures.
- 11.3.3 Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.
- 11.4.4 Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features.
- 11.4.1 Create floor plans using architectural drafting skills and computer aided design software.
- 16.3.2 Apply basic and complex color schemes and color theory to develop and enhance visual effects.

### EVENT CATEGORIES

**Junior:** Participants in grades 6-9

**Senior:** Participants in a comprehensive program in grades 10-12

**Occupational:** Participants in an occupational program in grades 10-12

**ELIGIBILITY**

1. Participation is open to any affiliated FCCLA member.
2. A chapter may submit two (2) entries in category.
3. An entry is defined as one (1) participant or one (1) team comprised of a maximum of three (3) members.
4. An event category is determined by the participant's grade in school and type of Family and Consumer Sciences program.

**PROCEDURES & REGULATIONS**

1. Participants must use homestyler.com, floorplanner.com or SketchUp.com to create a floor plan for the living space. The floor plan must be drawn to scale and should include the following:
  - Seating and Activity space for up to 15 children
  - Instructional space for High School students
  - ADA Bathroom (Include all fixtures are required by ADA Guidelines)
  - A minimum of 6 feet of cabinetry/counter space for the kitchen area (including refrigerator, microwave and sink).
2. The display board must not exceed **36" deep by 48" wide by 48" high**. No electrical outlets will be available.
3. The display may include visuals such as floor plans, photographs, material samples, models, charts, etc.
4. A typewritten three (3)-by-five (5) inch index card must be **attached to the upper left side of the display board**. The index card must contain the following information:
  - A. Participant(s) Name(s)
  - B. School Name
  - C. Chapter Name
  - D. Event Name (Reinventing Spaces)
  - E. Event Category
  - F. Title of Project
5. Each entry must set up the display during the designated time period at the beginning of the State Leadership Conference (see the conference program for the exact time and location). No other persons may assist.
6. The oral presentation should be three (3) to five (5) minutes in length and will be delivered to evaluators. The presentation should concentrate on the inspiration of the plan, furniture arrangement, budgeting plan, and the effective use of the elements and principles of design to coordinate cohesive room design.
7. See GENERAL INFORMATION AND RULES of the Competitive Event guidelines.

**REINVENTING SPACES SPECIFICATION****Scenario**

Your high school has decided to introduce a new Child Growth and Development program/pre-school in the building. To hold this class, the school will retrofit two existing classrooms into one space for the daycare and high school class. The room should be able to serve a variety of purposes for the pre-school, but should also function as an instructional space for high school Child Growth and Development students when the pre-school is not in session. You should consider resources the students and children may require: sinks and prep areas, kitchenette for snacks, play and nap areas different methods of play, etc.

The size of each current room is 25 feet wide by 30 feet long, with an 8" CMU wall in between. The dividing wall is not load bearing, so you may remove it completely, or leave whatever portions will suit your design goal. Each classroom has a door and 6 feet of windows on the wall opposite the door. The windows must remain in tact, but only 1 door is required in the renovation. You will be required to provide a new single occupant toilet room designed to ADA (Americans with Disabilities Act) requirements. The total budget for the design is \$40,000 (Construction costs should not be considered part of this event).

**Project Design**

The floor plan must fit within the required dimensions and must be constructed using homestyler.com, floorplanner.com or sketchup.com. The floor plan must include all seating and activity space for up to 15 children, instructional space for high school students, a kitchenette with at minimum a refrigerator and sink, and an ADA bathroom.

Function and Appearance	Finished room employs principles and elements of design. The design has a realistic approach and a balance between form and function.
Creativity of Design	Design is artistic in nature. The design has a realistic approach but exhibits creativity and a cohesive look.
Inspiration / Theme	The design and decorations follow a cohesive theme.
Display of Materials	Design demonstrates the ability to use the online programs homestyler.com, floorplanner.com or sketchup.com.
Effective Use of Color	Design effectively uses pleasing color combinations.
Variety of Texture	Design utilizes materials that are interesting, varied, and that complement one another.
Craftsmanship / Quality of Work	Design demonstrates a high level of craftsmanship, with appropriate proportion. Workmanship is clean and crisp.
Degree of Difficulty	Design is well organized, exhibits, a high level of skill, and effectively utilizes all materials.
Overall Function and Appearance of Finished Product	Design visually enhances the appearance of the living space and functions appropriately.

**Display**

The display must not exceed **36" deep by 48" wide by 48" high** and must contain the required information below. No electrical outlets will be available. The display must be labeled with a typewritten three (3) by-five (5) inch index card **attached to the upper left side of the display**. The index card must contain the following information:

- A. Participant(s) Name(s)
- B. School Name
- C. Chapter Name
- D. Event Name (Reinventing Spaces)
- E. Event Category
- F. Title of Project

Floor Plan	The floor plan is created using the online programs homestyler.com, floorplanner.com or sketchup.com. The floor plan does not exceed the required dimensions, including all items within the room. Floor plan must be drawn to scale. Include the scale of the floor plan.
Furniture and Accessories	Provide a specific photo of each item in the room, including all furniture (desk, chair, couch, etc.) and accessories (ceiling, lighting fixtures, artwork, floor rugs, etc). The items should be researched and selected from a retailer, and must include size and price information.
Material Samples	Include samples of each item in the room, including fabrics, flooring, wall color/covering, etc.
3D Rendering	Include on the display, at least one large computer-generated 3D rendering of the finished room.
Inventory / Budget	There are no pre-existing items to be used in the room. All items in the room, including cabinetry/counter space, appliances, furniture and accessories, must be included in an itemized cost list, not to exceed \$40,000.
Summary Statement	A summary statement, not to exceed one (1) page, detailing the inspiration for the project, what was learned from completing the project, and how this knowledge can be transferred to future design projects.

**Oral Presentation**

The oral presentation should be three (3) to five (5) minutes in length and will be delivered to evaluators. The presentation should concentrate on the inspiration of the plan, furniture arrangement, budgeting plan, and the effective use of the elements and principles of design to coordinate cohesive room design.

Organization	Presentation should discuss plans for solving the room design challenge. Presentation flows in sequence. The inspiration for the design, reasoning for furniture arrangement, and budget plan are discussed. Successes of the final product as well as possible improvements are discussed.
Knowledge of Interior Design	Participant(s) should demonstrate a competent understanding of elements and principles of design.
Rationale of Solving Room Challenge	The problem/scenario was clearly addressed with realistic solutions.
Voice, Body Language, Grammar, and Pronunciation	Participant(s) should speak clearly with appropriate grammar, terminology, pitch, tempo, volume, body language, and appropriate handling of notes if used.
Responses to Evaluators' Questions	Provide clear and concise answers to evaluators' questions regarding subject matter.

**REINVENTING SPACES RATING SHEET**

Name \_\_\_\_\_ School \_\_\_\_\_

Check One Event Category:   \_\_\_ Junior           \_\_\_ Senior           \_\_\_ Occupational

**INSTRUCTIONS:**

Write the appropriate rating under the “SCORE” column. Points given may range between 0 and maximum number indicated. Where information is missing, assign a score of 0. Total the points and enter under “TOTAL SCORE.”

Evaluation Criteria	Poor	Fair	Good	Very Good	Excellent	Score	Comments	
<b><i>PROJECT DESIGN</i></b>								
Function / Appearance	0	1		2	3			
Creativity of Design	0	1		2	3			
Display of Materials	0-1	2	3	4	5			
Inspiration / Theme	0-1	2	3	4	5			
Effective Use of Color	0	1		2	3			
Variety of Texture	0	1		2	3			
Craftsmanship / Quality of Work	0	1		2	3			
Degree of Difficulty	0-1	2	3	4	5			
Overall Function and Appearance of Final Product	0-1	2	3	4	5			
<b><i>DISPLAY</i></b>								
Floor Plan	0-2	3-4	5-6	7-8	9-10			
Furniture and Accessories	0-1	2	3	4	5			
Material Samples	0-1	2	3	4	5			
3D Rendering	0-1	2	3	4	5			
Inventory / Budget	0-1	2	3	4	5			
Summary Statement	0-1	2	3	4	5			
Overall Effectiveness	0-1	2	3	4	5			
<b><i>ORAL PRESENTATION</i></b>								
Organization	0-1	2	3	4	5			
Knowledge of Interior Design	0-1	2	3	4	5			
Rationale of Solving Room Challenge	0-1	2	3	4	5			
Voice, Body Language, Grammar and Pronunciation	0-1	2	3	4	5			
Responses to Evaluators' Questions	0-1	2	3	4	5			

**Total Score** \_\_\_\_\_

**Verification of Total Score** (please initial)

Evaluator \_\_\_\_\_

Room Consultant \_\_\_\_\_

Lead Consultant \_\_\_\_\_

**Circle Rating Achieved:**

Gold: 90-100

Silver: 79-89

Bronze: 70-78