

Applied Technology, an *individual* or *team event*, recognizes participants who develop a project using *technology* that addresses a concern related to Family and Consumer Sciences and/or related occupations and integrates and applies content from academic subjects. Participants must prepare a *portfolio* and an *oral presentation*.

### NEW JERSEY CORE CURRICULUM STANDARDS

- 3.1 Understand and apply the knowledge of sounds, letters, and words in written English to become independent and fluent readers, and will read a variety of materials and texts with fluency and comprehension.
- 3.3 Speak in clear and concise organized language that varies in content and form for different audiences and purposes.
- 3.4 Listen actively to information from a variety of sources in a variety of situations.
- 3.5 Access, view, evaluate, and respond to print, nonprint, and electronic texts and resources.
- 8.1.12.A.2 Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and/or graphics software.
- 8.1.12.A.3 Participate in online courses, learning communities, social networks, or virtual worlds and recognize them as resources for lifelong learning.
- 8.1.12.A.4 Create a personalized digital portfolio that contains a résumé, exemplary projects, and activities, which together reflect personal and academic interests, achievements, and career aspirations.
- 8.1.12.F.1 Select and use specialized databases for advanced research to solve real-world problems.
- 9.1.12.A.1 Apply critical thinking and problem solving strategies during structured learning experiences.
- 9.3.12.C.2 Characterize education and skills needed to achieve career goals, and take steps to prepare for postsecondary options, including course selections, assessments, and extra-curricular activities.
- 9.3.12.C.3 Develop personal interests and activities that will support declared career goals and plans.
- 9.1.12.F.2 Demonstrate a positive work ethic in various settings, including the classroom and during structures learning experiences.
- 9.3.12.C.5 Identify transferable skills in career choices and design alternative career plans based upon those skills.
- 9.3.12.C.6 Develop job readiness skills by participating in structures learning experiences and employment seeking opportunities.
- 9.3.12.C.7 Pursue a variety of activities related to career preparation (e.g. Volunteer, seek employment, apply for training grants, higher education grants and loans).
- 9.3.12.C.11 Evaluate the responsibility of employers and employees for maintaining workplace safety, and explain health rights related to a particular occupation/career.

**EVENT CATEGORIES**

**Junior:** through grade 9

**Senior:** grades 10-12

**Occupational:** grades 10-12

**ELIGIBILITY**

1. A chapter may register one (1) entry in each event category. An entry is defined as one (1) participant or one (1) team comprised of a maximum of three (3) members. An event category is determined by a member's grade in school and affiliation status.
2. Participation is open to any affiliated FCCLA chapter member.
3. The Applied Technology project must be developed and completed within a one-year span beginning July 1 and ending June 30 of the school year before the National Leadership Conference.
4. The Applied Technology project must be planned and prepared by the participant(s) only. Supporting resources are acceptable as long as participant(s) are coordinating their use and resources are cited appropriately verbally and/or in print during the presentation to avoid false credit for unoriginal or non-participant work.

**PROCEDURES & REGULATIONS**

1. The project must relate to an area in Family & Consumer Sciences education or related occupations such as:
  - A. Family and Consumer Science Education**
    1. child development
    2. parenting
    3. food science and nutrition
    4. clothing and textiles
    5. home furnishings and housing
    6. consumer education and home management
    7. interpersonal and family relations
    8. health and wellness
  - B. Family and Consumer Sciences Related Occupations**
    1. child care
    2. services to the elderly
    3. food service
    4. clothing, fashion apparel and textiles
    5. home furnishings and equipment
    6. institutional and home management
    7. hospitality services
2. Each entry must submit a *portfolio* at the Competitive Events registration table at the State Leadership Conference.
3. Participant(s) will have 5 minutes (NLC allows 10 minutes) to set up. Other persons **may not** assist.
4. The oral presentation **may be up to** 10 minutes in length.
5. If audio or audiovisual recordings are used, they are limited to 5 minutes playing time during the presentation. *Visual equipment*, with no audio, may be used during the entire presentation.
6. A table will be provided. Participant(s) must bring all other necessary supplies and/or equipment. Wall space will not be available.
7. Extension cords and power strips will not be provided. Internet connections will not be provided.

8. Spectators may not observe any portion of this event.
9. Following the presentation, evaluators will have the opportunity to ask questions of the participant(s).
10. Evaluators will use the rating sheet to score and write comments for participants.
11. One individual or team may be chosen from each event category to represent New Jersey at the National Leadership Conference.

**Presentation Elements:**

Allowed: *Audio, Costumes/Uniforms, Easel(s), Large Newsprint Charts, Portfolios, Props/Pointers, Skits, Visual Equipment, Visuals*

Not Allowed: *File Folders, Laser Pointers, Manuals, Photo Albums, Scrapbooks*

**APPLIED TECHNOLOGY SPECIFICATIONS**

**Portfolio**

The *portfolio* is a collection of materials used to document and illustrate the work of the project. Materials must be contained in a standard binder (no larger than 12” high, 11” wide, and 1½” in depth). A decorative and/or informative cover may be included. All materials, including the *divider pages* and tabs, must fit within the *dimensions* above. The binder/notebook must contain no more than 34 pages: 1 project identification page, 1 table of contents page, 1 *Planning Process* summary page, 0–6 *divider pages* and up to 25 content pages including the documents listed below. *Divider pages* may be tabbed and may contain a title, a section name, graphic elements, thematic decorations, and/or page numbers; they must not include any other content. All pages must be one-sided only. All pages except divider pages must be 8½” x 11”. The *portfolio* will be turned in at Competitive Events registration.

Project Identification Page	One 8½” x 11” page on plain paper, with no graphics or decorations; must include participants’ name(s), chapter name, school, city, state, FCCLA national region (North Atlantic Region) and project title.
FCCLA <i>Planning Process</i> Summary Page	One 8½” x 11” summary page of how each step of the <i>Planning Process</i> was used to plan and implement the project; use of the <i>Planning Process</i> may also be described in the oral presentation. Each step is fully explained.
Relationship to Family and Consumer Sciences	Describe relationship of project content to Family and Consumer Sciences and/or related occupations.
Evidence of Research	Document background research and current data supporting project concern.
Evidence of Problem-Solving Skills	Document use of problem-solving skills including examining alternative solutions and possible consequences for each solution, justifying a final solution, and evaluation.
Evidence of Applied Academics	Describe the method for integrating and applying content from academic subjects. Academic content may include subject matter from English, Math, Science and/or Social Sciences.
Evidence of Technology Used	Use technology to develop a project that addresses a concern related to Family and Consumer Sciences, and develop materials to document project. Examples of technology include, but are not limited to, computer applications, audio or video production, multimedia, CDs, slides, and photography. Hard copies/pictures must be included in <i>portfolio</i> .
Works Cited / Bibliography	USE MLA or APA citation style to cite all references. <i>Resources</i> should be reliable and current.
Appearance	<i>Portfolio</i> must be neat, legible, professional, and use correct grammar and spelling; effective organization of information.

**Oral Presentation**

The oral presentation **may be up to** 10 minutes in length and is delivered to evaluators. The presentation should explain the specifics of the project. The presentation may not be prerecorded. If audio or audiovisual equipment is used, it is limited to 5 minutes playing time during the presentation. Visual equipment, with no audio, may be used throughout the oral presentation. Participants may use any combination of props, materials, supplies, and/or equipment to demonstrate how to carry out project.

Organization / Delivery	Deliver oral presentation in an organized, sequential manner; concisely and thoroughly summarize project.
Knowledge of Subject Matter	Show evidence of current data and knowledge of trends in technology and its application to Family and Consumer Sciences-related concerns.
Use of Portfolio and Visuals	Use portfolio to describe all phases of the project. Use original, creative, and appealing visuals to enhance the presentation.
Voice	Speak clearly with appropriate pitch, tempo, and volume.
Body Language / Clothing Choice	Use appropriate body language including posture, mannerisms, eye contact, and appropriate handling of notes or note cards if used. Wear appropriate clothing for the nature of the presentation.
Grammar / Word Usage / Pronunciation	Use proper grammar, word usage, and pronunciation.
Responses to Evaluators' Questions	Provide clear and concise answers to evaluators' questions regarding project. Questions are asked after the presentation.

**Applied Technology Rating Sheet**

Name(s) of Participant(s) \_\_\_\_\_ School \_\_\_\_\_

Category: \_\_\_\_\_ Junior \_\_\_\_\_ Senior \_\_\_\_\_ Occupational

**INSTRUCTIONS:**

1. Before student presentation, evaluators must check the participants' portfolio using the criteria and standards in the guidelines. If there is a discrepancy over or under the required number of items, please complete the Point Deduction sheet as necessary.
2. Write the appropriate rating in the "Score" columns. Make comments to help participants identify their strengths and areas for improvement. Use the back of the sheet if necessary. Total points.

Evaluation Criteria	Very					Score	Comments
	Poor	Fair	Good	Good	Excellent		
<b>PORTFOLIO</b>							
FCCLA <i>Planning Process</i> Summary	0-1	2	3	4	5		
Relationship to Family and Consumer Sciences and/or related occupations	0-2	3-4	5-6	7-8	9-10		
Evidence of Research	0-2	3-4	5-6	7-8	9-10		
Evidence of Problem-Solving Skills	0-2	3-4	5-6	7-8	9-10		
Evidence of Applied Academics	0-2	3-4	5-6	7-8	9-10		
Evidence of Technology Used	0-2	3-4	5-6	7-8	9-10		
Works Cited/Bibliography	0-1	2	3	4	5		
Appearance	0-1	2	3	4	5		
<b>ORAL PRESENTATION</b>							
Organization/Delivery	0-2	3-4	5-6	7-8	9-10		
Knowledge of Subject Matter	0-2	3-4	5-6	7-8	9-10		
Use of Portfolio and Visual during Presentation	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: 75-89

Bronze: 60-74