



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**.

EVENT CATEGORIES

Junior: through grade 9

Senior: grades 10–12

Occupational: grades 10–12

See page 30 for more information on event categories.

ELIGIBILITY

1. States may submit one entry in each category of this event.
2. Participation is open to any nationally 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 participants 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 & TIME REQUIREMENTS

1. Each entry will submit a *portfolio* (*hardcopy* or *electronic*) to the event room consultant at the designated participation time.
2. Participant(s) will have 10 minutes to set up for the event. Other persons may not assist.

3. Room consultants and evaluators will have 10 minutes to preview the *portfolio* (*hardcopy* or *electronic*). The participant must make the *electronic portfolio* accessible to evaluators.
4. The oral presentation **may be up to** 10 minutes in length. A one-minute warning will be given at 9 minutes. Participant(s) will be stopped at 10 minutes.
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. Following the presentation, evaluators will have 5 minutes to interview participant(s).
7. Evaluators will use the rubric to score and write comments for participants. Then, evaluators will meet with each other to discuss participants' strengths and suggestions for improvement.
8. The total time required for this event is approximately 30 minutes.

GENERAL INFORMATION

1. A table will be provided. Participant(s) must bring all other necessary supplies and/or equipment. Wall space will not be available.
2. Extension cords and power strips are not provided.
3. Spectators may not observe any portion of this event.
4. Internet connections will **not** be provided.
5. **Presentation Elements:**
Allowed: *Audio, Costumes/Uniforms, Easel(s), Flip Chart(s), Portfolios, Props/Pointers, Skits, Visual Equipment, Visuals.*
Not Allowed: *File Folders, Manuals, Photo Album, Scrapbooks.*



APPLIED TECHNOLOGY Specifications



Hardcopy Portfolio

The *portfolio* is a collection of materials used to document and illustrate the work of the project. Materials must be contained in the official FCCLA STAR Events binder/notebook obtained from the FCCLA national emblematic supplier. A decorative and/or informative cover may be included. All materials, including the *divider pages* and tabs, must fit within the cover. 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 to the room consultant at the designated participation time.

Electronic Portfolio

An *electronic portfolio* may be either in PowerPoint format or an electronic document that can be viewed by the evaluators and room consultants prior to the oral presentation. The *electronic portfolio* may be no more than 34 pages or 44 slides, because slides have less content than document pages. 1 *Project Identification page*, 1 Table of Contents, and up to 25 *content pages* or 35 content slides including the documents listed below. Divider or section slides may contain a title, a section name, *graphic* elements, thematic decorations, and/or page numbers. The *electronic portfolio* and the hardware (method) to view it (i.e. *equipment, files, projectors, screens, laptops*) will be turned in to the room consultant at the designated participation time. Participants assume the responsibility of providing the technology used to show the evaluators the project. Once an *electronic portfolio* is turned in to the evaluators, participants may not switch to a *hardcopy portfolio*.

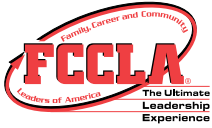
<i>Project Identification Page</i>	One slide or one 8½" x 11" page on <i>plain paper</i> , with no <i>graphics</i> or decorations; must include participant's name(s), chapter name, school, city, state, FCCLA national region, and project title.
FCCLA <i>Planning Process</i> Summary Page	Two slides or 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.
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 <i>content</i> from academic subjects. Academic <i>content</i> may include subject matter from English, math, science, and/or social sciences.
Evidence of <i>Technology</i> Used	Use <i>technology</i> to develop a project that addresses a concern related to Family and Consumer Sciences, and develop materials to document project. Examples of <i>technology</i> 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/ <i>Bibliography</i>	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, and <i>professional</i> and use correct grammar and spelling.

Applied Technology Specifications (continued)

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 the 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 <i>technology</i> and its application to Family and Consumer Sciences-related concerns.
Use of <i>Portfolio</i> and <i>Visuals</i>	Use <i>portfolio</i> to describe all phases of the project. Use original, creative, and appealing <i>visuals</i> to enhance the presentation.
Voice	Speak clearly with appropriate pitch, tempo, and volume.
Body Language/ Clothing Choice	Use appropriate body language including gestures, 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.



STAR Events Point Summary Form APPLIED TECHNOLOGY



APPLIED TECHNOLOGY

Name of Participant(s) _____

State _____ Team # _____ Group # _____ Category _____

DIRECTIONS:

1. Make sure all information at top is correct. If a student named is not participating, cross their name(s) off. If a team does not show, please write "No Show" across the top and return with other forms. Do **NOT** change team or group numbers.
2. Before student presentation, the room consultants must check participants' *portfolio* using the criteria and standards listed below and fill in the boxes.
3. At the conclusion of presentation, verify evaluator scores and fill in information below. Calculate the final score and ask for evaluators' verification. Place this form in front of the completed rubrics and paper clip all items related to the presentation together. Please do **NOT** staple.
4. At the end of competition in the room, double check all scores, names, and team numbers to ensure accuracy. Sort results by team order and turn in to the Lead or Assistant Lead Consultant.
5. Please check with the Lead or Assistant Lead Consultant if there are any questions regarding the evaluation process.

ROOM CONSULTANT CHECK			Points
Registration 0 or 5 points	0 Did not attend/incomplete team attendance	5 The individual or ALL participating members of the team attended	
Hardcopy Portfolio 0-1 points <i>OR</i> Electronic Portfolio 0-1 Points	0 Binder is not the official FCCLA binder 0 Electronic Portfolio not in viewable format to the evaluators	1 Binder is the official FCCLA binder 1 Electronic Portfolio in viewable format to the evaluators	
Portfolio Pages 0-1 points	0 Portfolio exceeds the page limit/not all required pages are present or completed correctly	1 Portfolio contains no more than 34 single-sided pages or 44 slides including: • 1 project ID page or slide • 1 table of contents page or slide • 1 Planning Process summary page or 2 slides • Up to 6 divider pages or slides • Up to 25 content pages or 35 content slides	
Project Identification Page 0-2 points	0 Project ID page is missing	1 Project ID page is present but includes incorrect information	2 Project ID page is present and completed correctly
Punctuality 0-1 points	0 Participant was late for presentation	1 Participant was on time for presentation	

EVALUATORS' SCORES

Evaluator 1 _____ Initials _____
 Evaluator 2 _____ Initials _____
 Evaluator 3 _____ Initials _____
 Total Score _____ divided by number of evaluators
 _____ = **AVERAGE EVALUATOR SCORE**

ROOM CONSULTANT TOTAL

(10 points possible)

AVERAGE EVALUATOR SCORE

(90 points possible)

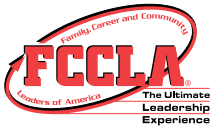
FINAL SCORE

(Average Evaluator Score plus Room Consultant Total)

RATING ACHIEVED (circle one) **Gold:** 90-100 **Silver:** 70-89.99 **Bronze:** 1-69.99

VERIFICATION OF FINAL SCORE AND RATING (please initial)

Evaluator 1 _____ Evaluator 2 _____ Evaluator 3 _____ Adult Room Consultant _____ Event Lead Consultant _____



APPLIED TECHNOLOGY

Rubric



APPLIED TECHNOLOGY

Name of Participant(s) _____

State _____ Team # _____ Group # _____ Category _____

PORTFOLIO							Points
FCCLA Planning Process Summary Page 0–5 points	0 Planning Process summary not provided	1 Inadequate steps in the Planning Process are presented	2 All Planning Process steps are presented but not summarized	3 All Planning Process steps are summarized	4 Evidence that the Planning Process was utilized to plan project	5 The Planning Process is used to plan the project. Each step is fully explained	
Relationship to Family and Consumer Sciences and/or related occupations 0–10 points	0 Not included	1–2 Vaguely referred to	3–4 Explained, but done so poorly	5–6 Explained fully	7–8 Explained fully with some understanding of the content area	9–10 Explained fully with evidence of mastery of the content area	
Evidence of Research 0–10 points	0 Not explained	1–2 Some research done but incomplete information	3–4 Research is current but from unreliable sources	5–6 Research is current but only partially describes project concern	7–8 Research is current, appropriate for topic; from reliable sources	9–10 Research is current, documented correctly and appropriate for topic	
Evidence of Problem-Solving Skills 0–10 points	0 Not explained	1–2 Problem explained but no solutions given	3–4 Problem explained and alternative solutions are given	5–6 Problem explained, alternative solutions given and consequences shared	7–8 Problem explained, alternative solutions given, consequences given, justifiable final solution	9–10 Problem explained, alternative solutions given, consequences given, justifiable final solution, and evaluation given	
Evidence of Applied Academics 0–5 points	0 None explained	1 Academic content is mentioned	2 Academic content is briefly summarized	3 Academic content is explained fully	4 Academic content is explained fully with brief mention of integrating and applying content to project	5 Academic content is explained thoroughly and full method of integrating and applying content to project is shared	
Evidence of Technology Used 0–10 points	0 No technology used in project	1–2 Technology used to develop project but not explained	3–4 Technology used but not explained in portfolio	5–6 Technology and techniques used to develop project are explained	7–8 Technology used to develop project was explained and addresses a Family and Consumer Sciences concern	9–10 Technology used to develop project addresses a concern related to Family and Consumer Sciences and materials were developed to document project	
Works Cited/Bibliography 0–3 points	0 No resources listed	1 Incomplete list of resources/resources listed are not current or appropriate for project	2 Complete list of resources but incorrect style	3 Complete list of appropriate resources, in MLA or APA style			
Appearance 0–3 points	0 Portfolio is illegible and unorganized	1 Portfolio is neat, but contains grammatical or spelling errors and is organized poorly	2 Portfolio is neat, legible, and professional, with correct grammar and spelling	3 Neat, legible, and professional, correct grammar and spelling used; effective organization of information			

Applied Technology Rubric (continued)

ORAL PRESENTATION							Points
Organization/Delivery 0–10 points	0 Presentation is not done or speaks briefly and does not cover components of the project	1–2 Presentation covers some topic elements	3–4 Presentation covers all topic elements but with minimal information	5–6 Presentation gives complete information but does not explain the use of technology well	7–8 Presentation covers information completely and explains use of technology fully	9–10 Presentation covers all relevant information completely and explains technology use with a seamless and logical delivery	
Knowledge of Subject Matter 0–5 points	0 Little or no evidence of knowledge	1 Minimal evidence of knowledge	2 Some evidence of knowledge	3 Knowledge of subject matter is evident but not shared in presentation	4 Knowledge of subject matter is evident and shared at times in the presentation	5 Knowledge of subject matter is evident and incorporated throughout the presentation	
Use of Portfolio and Visuals during Presentation 0–5 points	0 Portfolio and visuals are not used during presentation	1 Portfolio and visuals used to limit amount of speaking time	2 Portfolio and visuals used minimally during presentation	3 Portfolio and visuals incorporated throughout presentation	4 Portfolio and visuals used effectively throughout presentation	5 Presentation moves seamlessly between oral presentation, portfolio, and visuals	
Voice—pitch, tempo, volume 0–3 points	0 No voice qualities are used effectively	1 Voice quality is adequate	2 Voice quality is good, but could improve	3 Voice quality is outstanding and pleasing to listen to			
Body Language/Clothing Choice 0–3 points	0 Body language shows nervousness and unease/inappropriate clothing	1 Body language shows minimal amount of nervousness/clothing is appropriate	2 Body language is good and clothing is professional	3 Body language and clothing choice both enhance the presentation			
Grammar/Word Usage/Pronunciation 0–3 points	0 Extensive (more than 5) grammatical and pronunciation errors	1 Some (3–5) grammatical and pronunciation errors	2 Few (1–2) grammatical and pronunciation errors	3 Presentation has no grammatical or pronunciation errors			
Responses to Evaluators' Questions 0–5 points	0 Did not answer evaluators' questions	1 Unable to answer some questions	2 Responded to all questions, but without ease or accuracy	3 Responded adequately to all questions	4 Gave appropriate responses to evaluators' questions	5 Responses to questions were appropriate and given without hesitation	

Evaluator's Comments:

TOTAL
(90 points possible)

Evaluator Initial _____

Room Consultant Initial _____