

# Applied Technology

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 the section on event categories for more information.

## ELIGIBILITY

1. Chapters 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 Meeting.
  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.
4. The oral presentation **may be up to** 15 minutes in length but must be at least 10 minutes. A one-minute warning will be given at 14 minutes. Participant(s) will be stopped at 15 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 participant(s). 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 35 minutes.

## PROCEDURES & TIME REQUIREMENTS

1. **Each entry will submit a *portfolio* to the Event Chairperson at orientation.**
  2. Event Chairpersons and evaluators will have 15 minutes to preview the *portfolio* before the presentation begins.
  3. Participant(s) will have 15 minutes to set up for the event. Other persons may not assist.
- ## 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. Participant(s) may bring an easel.
  3. Electrical outlets must be requested through the adviser. Extension cords and power strips are not provided.
  4. *Manuals*, scrapbooks, and photo albums are not allowed in this event.
  5. Internet connections will **not** be provided.
  6. Words in *italics* are defined in the glossary.
  7. **Allowable Presentation Elements :**  
*Audio, Costumes/Uniforms, Easel(s), Props/Pointers, Skits, Visual Equipment, Visuals.*  
**Not Allowed: File Folders.**

# 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 the official FCCLA STAR Events binder/notebook obtained from the national FCCLA 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 8 1/2"x 11". **The portfolio will be turned in to the Event Chairperson at orientation.**

|  |  |
|--|--|
| <i>Project Identification Page</i>           | One 8 1/2" 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   | One 8 1/2" 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 Technology 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> . |
| 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.  |
| Works Cited/ <i>Bibliography</i>             | Use an organized, consistent format to cite all references in alphabetical order. Resources should be reliable and current. MLA format required.   |
| Appearance                                   | <i>Portfolio</i> must be neat, legible, and <i>professional</i> and use correct grammar and spelling.  |

# Applied Technology Specifications

## Oral Presentation

The oral presentation **may be up to** 15 minutes in length but must be at least 10 minutes 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>Visual(s)</i> | Use the <i>portfolio</i> and <i>visual(s)</i> to accentuate the oral presentation.   |
| Voice  | Speak clearly with appropriate pitch, tempo, and volume.   |
| Body Language                                | Use appropriate body language including gestures, posture, mannerisms, eye contact, and appropriate handling of notes or note cards if used.     |
| Grammar and Pronunciation                    | Use proper grammar and pronunciation.  |
| Responses to Evaluators' Questions           | Provide clear and concise answers to evaluators' questions regarding project. Questions are asked after the presentation.                        |

### **SPECIAL NOTE FOR THIS EVENT**

The oral presentation for this event needs to be about the process not the project. As an example: if you put together a power point on healthy eating and showed it to forth graders to teach them about good eating habits your presentation would be as follows. You would explain to the judges about each piece of technology you used to get all of the information for the power point and what you used and did to put the power point together. Any problems you encountered should also be included. You would not give the judges the same presentation you gave to the forth graders.

## STAR Events Point Summary Form Applied Technology

Category (circle one):            Junior            Senior            Occupational

Participant's Name(s): \_\_\_\_\_

Participant( s) Number: \_\_\_\_\_

**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, Event Chairperson 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.

| ROOM CONSULTANT CHECK                            |   |   | POINTS   |
|--|---|---|--|
| <b>Registration</b><br>0-5 points                | <b>0</b><br>Did not attend/incomplete team attendance   | <b>5</b><br>The individual or ALL participating members of the team attended  |  |
| <b>Portfolio</b><br>0-1 point                    | <b>0</b><br>Binder is not the official FCCLA binder and/or materials do not fit within the binder     | <b>1</b><br>Binder is the official FCCLA binder and materials fit within the binder   |  |
| <b>Portfolio Pages</b><br>0-1 point              | <b>0</b><br>Portfolio exceeds the page limit or is missing one or more places of required information | <b>1</b><br>Portfolio contains no more than 34 single-sided pages including:<br>• 1 project ID page<br>• 1 table of contents page<br>• 1 Planning Process summary page<br>• Up to 6 divider pages<br>• Up to 25 content pages |  |
| <b>Project Identification Page</b><br>0-2 points | <b>0</b><br>Project ID page is missing  | <b>1</b><br>Project ID page is present but includes incorrect information   | <b>2</b><br>Project ID page is present and completed correctly |
| <b>Punctuality</b><br>0-1 point                  | <b>0</b><br>Participant was late for presentation   | <b>1</b><br>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**

**Event Chairperson 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) Eval. 1 \_\_\_\_\_ Eval. 2 \_\_\_\_\_ Eval. 3 \_\_\_\_\_ Chair \_\_\_\_\_

