

STAR Sustainability Challenge – Virginia

EVENTS 2021 *(all changes for state competition in red)*



Sustainability Challenge, an *individual or team event*, recognizes participants who address environmental issues that adversely impact human health and well-being and who actively empower others to get involved. **Participants will research one of the five 2020–2021 topics (see next page)**, investigate areas where they can make a difference, develop and carry out a *project* for their home, school, or *community*, and educate others in their school or *community*.

Participants must prepare a **portfolio** and an **oral presentation**.

EVENT LEVELS

Level 1: through grade 8

Level 2: grades 9–10

Level 3: grades 11–12

Level 4: Postsecondary



See chart on page 2 in the introduction section of the state manual for more information on competition levels. Virginia chapters may have **up to 3 entries in each level**, as eligible.

ELIGIBILITY & GENERAL INFORMATION

1. Review all “General Policies” in the introduction section of the state manual beginning on page 8 prior to event planning and preparation.
2. ~~Participant(s) are encouraged to bring fully charged electronic devices such as laptops, tablets, etc., to use for audiovisual or electronic portfolio presentation at in-person competitions.~~
3. Chapters with multiple entries in this event must submit different projects for each entry. All projects must be developed and completed during a one-year span beginning July 1 and ending June 30 of the school year before the National Leadership Conference, and must be the work of the participant(s) only.
4. ~~National Leadership Conference (in-person competition) participants will view the online orientation video found on the official FCCLA YouTube channel, available in early June. Each entry must complete and submit the required form to the event room consultant at the time of competition. Only one form per entry is required. Contact State Advisers for orientation procedures for competitions held prior to National Leadership Conference.~~ If events are held virtually, these points will be automatically awarded to all participants.

GENERAL INFORMATION

Number of Participants per Entry	Prepare Ahead of Time	Equipment Provided for In-Person Competition	Competition Dress Code	In-Person Competition Participant Set-Up / Prep Time	In-Person Competition Room Consultant & Evaluator Review Time	Maximum Oral Presentation Time	In-Person Competition Evaluation Interview Time	In-Person Competition Total Event Time
1-3	Portfolio, Oral Presentation	Table—yes Electrical Access—no Wall Space—no Supplies—no	Official dress - or- Professional dress – or costume appropriate to event	5 minutes	10 minutes prior to presentation	In-person: 1- min. warning at 9 min.; stopped at 10 min. Virtual: 11 min. to include additional questions	5 minutes	30 minutes

PRESENTATION ELEMENTS ALLOWED

Audio	Costumes	Easel(s)	File Folder	Flip Chart(s)	Portfolio	Props/ Pointers	Skits	Presentation Equipment	Visuals
✓	✓	✓		✓	✓	✓	✓	✓	✓

SUSTAINABILITY CHALLENGE

2020–2021 COMPETITION TOPICS



All Sustainability Challenge projects must be based on one of the following topics. Participants are encouraged to conduct projects to improve children’s health in school settings. Resources for each of these topics are available through the Environmental Protection Agency’s Office of Children’s Health Protection.

1. Efforts to reduce food waste. <https://www.epa.gov/sustainable-management-food>
2. Efforts to reduce childhood exposure to lead. <https://www.epa.gov/lead>
3. Efforts to protect drinking water. <https://www.epa.gov/ground-water-and-drinking-water/drinking-water-activities-students-and-teachers>
4. Efforts to reduce household hazardous waste. <https://www.epa.gov/hw/household-hazardous-waste-hhw>
5. Efforts to promote appropriate use of pesticides. <https://www.epa.gov/safepestcontrol>

~~Procedures and Time Requirements for In-Person Competition~~

Each entry will submit a portfolio (hardcopy or electronic) to the event room consultant at the designated participation time.	
5 minutes	Participant(s) will have 5 minutes to set up for the event. Other persons may not assist.
10 minutes	Room consultants and evaluators will have 10 minutes to preview the portfolio during participant set up time. The participant must make the electronic portfolio accessible to evaluators.
10 minutes	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. If audio or audiovisual recordings are used, they are limited to 3-minutes playing time during the presentation. Presentation equipment, with no audio, may be used during the entire presentation.
5 minutes	Following the presentation, evaluators will have 5 minutes to interview participant(s).
5 minutes	Evaluators will have up to 5 minutes to use the rubric to score and write comments for participants.

Procedures and Time Requirements for Virtual Competition

Each entry will post the required documents (as specified below) following instructions from the state or national organization prior to the competition.	
Portfolio File	Upload one (1) PDF portfolio file, designed so that viewers are able to scroll through the digital document. This must be an online file and not require the viewer to download it. Follow the page limits as described below.
Oral Presentation Video (to include Question Responses)	The oral presentation video may be up to 11 minutes in length, <u>including</u> the responses to the two questions listed in the specifications. Each participant must introduce themselves by name, chapter, and level. Video recordings are to be made of participants as they present their STAR Events projects, as if they were presenting at an in-person competition. A voiceover of the video recording or presentation is not allowed. The video file can MUST be an embedded video, video link to YouTube, Vimeo, or Google Drive, but must not require the viewer to download it. The hardcopy or the electronic portfolio will be used in the oral presentation recording.
Automatic Scoring	Participants will automatically receive full points on the Point Summary Form and the Rubric for the following items: Registration Packet, Event Online Orientation Documentation, and Punctuality.

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 obtained from the FCCLA national emblematic supplier. A decorative and/or informative cover may be included. All materials, including the *content divider pages*, must fit within the cover, be one-sided, and may not exceed 48 pages, as described below. Divider page tabs may extend up to 1” outside the cover. Once a *hardcopy portfolio* has been turned in to evaluators, participants may not switch to an *electronic portfolio*. For virtual competition, the

Sustainability Challenge Specifications (continued)

portfolio **must be uploaded as one PDF file** – multiple files, images, or other file types will not be accepted. The hardcopy portfolio will be used in the oral presentation recording.

Electronic Portfolio

An *electronic portfolio* may be either in PowerPoint, Prezi, or other electronic format that can be viewed by the evaluators and room consultants prior to the oral presentation. ~~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*. Portfolio may not exceed 59 slides, as described below. For virtual competition, the electronic portfolio slides **must be uploaded as one PDF file** -multiple files, images, or other file types will not be accepted. The electronic portfolio will be used in the oral presentation recording.

1-8 ½" x 11" page or 1 slide	<i>Project Identification Page</i>	<i>Plain paper</i> or slide, with no <i>graphics</i> or decorations; must include participant's name(s), chapter name, school, city, state, event name, and project title.
1-8 ½" x 11" page or 1 slide	Table of Contents	List the parts of the <i>portfolio</i> in the order in which the parts appear.
1-8 ½" x 11" page or 2 slides	FCCLA <i>Planning Process</i> Summary Page	Summarize 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.
1	Evidence of Online <i>Project Summary</i> Submission 	Participants should complete the online <i>project</i> summary form located on the "Surveys" tab of the FCCLA Student Portal, and include signed proof of submission in the <i>portfolio</i> .
0–10	<i>Content Divider Pages</i> or Sections	Use 0 to 10 <i>content divider/section</i> pages or slides. <i>Content divider/section</i> pages may be tabbed, may contain a title, a section name, <i>graphic</i> elements, thematic decorations, and/or page numbers. They must not include any other <i>content</i> .
Up to 34 8 ½" x 11" pages or 44 slides	Evidence of Research	Document background research and <i>current</i> data supporting project concern.
	Knowledge of the Relationship of Environmental Concern to Participants' Home, School, and/or <i>Community</i>	Identify the competition topic project chosen. Document the <i>current</i> and potential effects the environmental problem has on participants' homes, schools, and/or communities and ways individuals and groups of people can work stop, counteract, or reverse said problems.
	Creativity and Duplication of <i>Project</i>	The <i>project</i> should creatively combat the environmental concern as well as lend itself to active engagement with more people and/or duplication by others.
	Overall Environmental Responsibility of <i>Project</i>	The <i>project</i> should address the chosen environmental concern without causing additional harm to the environment. (i.e. if your project focus is on energy consumption it should specifically address energy consumption, but it should also not waste or misuse other <i>resources</i> .)
	Evaluation of <i>Project</i>	Evidence that participant(s) evaluated their <i>project</i> for effectiveness and ability to reach others.
	Evidence of Educational Presentations	Document three educational presentations which have taken place prior to competition; including date, location, and proof of presentation, such as photos, news clippings, and/or thank-you notes.
	Scope of Educational Presentations	Describe the <i>audience(s)</i> reached through educational presentations, including the reason for targeting specific <i>audiences</i> and the benefits of educating them on the environmental concern.
	Effectiveness of Educational Presentations	Document an evaluation of effective educational presentations. May be through <i>audience</i> members' change in activity, opinions, knowledge level, or other methods.

Sustainability Challenge Specifications (continued)

Up to 34 pages or 44 slides (continued)	Connection to Family and Consumer Sciences	Describe relationship of project <i>content</i> to Family and Consumer Sciences and/or related occupations.
	Works Cited/ <i>Bibliography</i>	Use MLA or APA citation style to cite all references. <i>Resources</i> should be <i>reliable</i> and <i>current</i> .
	Appearance	<i>Portfolio</i> must be neat, legible, and <i>professional</i> and use correct grammar and spelling.

Oral Presentation

The oral presentation may be up to **10 minutes in length** (11 minutes for virtual competition) 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 3 minutes playing time during the presentation. *Presentation 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 Environmental Concern	Show evidence of <i>current</i> data and knowledge of trends in the environmental concern topic area.
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 FCCLA official dress, professional dress, or costume appropriate 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. For virtual competitions, include responses to the following questions at the end of the oral presentation: <ol style="list-style-type: none"> 1. What is one skill that you learned or improved upon during your project that you will use in school next year or in your future career? 2. What obstacles caused challenges in your work, and how did you address them?



SUSTAINABILITY CHALLENGE

STAR Events Point Summary Form

Name of Participant _____

Chapter _____ State _____ Team # _____ Station # _____ Level _____

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, write "No Show" across the top and return with other forms. Do **NOT** change team or station numbers.
2. Before student presentation, the room consultants must check participants' *display* 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 staple all items related to the presentation together.
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 Consultant.
5. Check with the Lead Consultant if there are any questions regarding the evaluation process.

ROOM CONSULTANT CHECK			Points
Registration Packet 0 or 3 points	Picked up by adviser or designated adult during scheduled time No 0 Yes 3		3
Event Online Orientation Documentation 0 or 2 points	0 Official documentation not provided at presentation time or signed by adviser	2 Official documentation provided at presentation time and signed by adviser	2
Hardcopy Portfolio 0–1 point or Electronic Portfolio 0–1 point	0 Binder is not the official FCCLA binder	1 Binder is the official FCCLA binder	
	0 Electronic Portfolio not in viewable format to the evaluators	1 Electronic Portfolio in viewable format to the evaluators	
Portfolio Pages 0–3 points	0 Portfolio exceeds the page limit	1 2 3 2 or more errors 1 error no errors Portfolio contains no more than 48 single-sided pages or 59 slides completed correctly, including: <ul style="list-style-type: none"> 1 project ID page or slide 1 table of contents page or slide 1 Planning Process summary page or 2 slides Project Summary Submission Proof Up to 10 content divider pages or slides Up to 34 content pages or 44 content slides 	
Punctuality 0–1 point	0 Participant was late for presentation	1 Participant was on time for presentation	

EVALUATORS' SCORES	ROOM CONSULTANT TOTAL
Evaluator 1 _____ Initials _____	(10 points possible)
Evaluator 2 _____ Initials _____	AVERAGE EVALUATOR SCORE
Evaluator 3 _____ Initials _____	(90 points possible)
Total Score _____ divided by number of evaluators = AVERAGE EVALUATOR SCORE <i>Rounded only to the nearest hundredth (i.e. 79.99 not 80.00)</i>	FINAL SCORE (Average Evaluator Score plus Room Consultant Total)
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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 _____



SUSTAINABILITY CHALLENGE

Rubric

Name of Participant _____

Chapter _____ State _____ Team # _____ Station # _____ Level _____

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		
Evidence of Research 0-5 points	0 Not explained	1 Some research done but incomplete information	2 Research is current but from unreliable sources and does not adequately cover the topic	3 Research is current, appropriate for topic, from reliable sources but does not adequately cover the topic	4 Research is current, appropriate for topic, from reliable sources, and adequately covers the topic	5 Research is from current, reliable sources, documented correctly, and extensively covers the topic		
Knowledge of the Relationship of Environmental Concern to Participants' Home, School, and/or Community 0-6 points	0 No relationship described	1 Explanation of how the participants' environment(s) is affected is inadequate and/or potential solution(s) for the problem are not provided	2	3 Explanation of how the participants' environment(s) is affected is adequate, potential solution(s) for the problem provided	4	5 Explanation of how the participants' environment(s) is affected is extensive, multiple potential solutions for the problem provided and are both thorough and practical	6	
Creativity and Duplication of Project 0-10 points	0 Project not completed	1 Project did not address concern	2 Project addressed the concern	3	4 Project effectively addressed concern and is easy for others to duplicate	5 Project creatively and effectively addressed the concern, reached a few other people, is easy for other to duplicate	6 Project creatively and effectively addressed the concern, reached a large number of people and is easy for others to duplicate	7 8 9 10
Overall Environmental Responsibility of Project 0-4 points	0 No regard for environmental responsibility in project execution	1 Materials, resources, and activities used for the project were somewhat wasteful	2	3 Most materials, resources, and activities used for the project were chosen with respect to their environmental impact	4	5 Materials, resources and activities used for the project were thought out, chosen, and showed a thorough knowledge of environmental responsibility		
Evaluation of Project 0-3 points	0 No evaluation conducted	1 Evaluation method was unsuccessful	2 Evaluation was appropriate	3 Evaluation was thorough and appropriate. Ideas for positive changes are suggested				
Evidence of Educational Presentations 0-2 points	0 Evidence of three educational presentations is not included	1 Evidence of three educational presentations is included	2	3 Evidence of three educational presentations is included with the date, location, and one proof of completion	4	5		
Scope of Educational Presentations 0-5 points	0 No descriptions provided	1 Description of only one presentation provided	2 Description of only two presentations provided	3 Limited descriptions of all three educational presentations are included	4 Adequate descriptions of each educational presentation are included with information on the audience, why they were targeted, and what benefit(s) this particular group took from the presentation	5 Extensive descriptions of each educational presentation are included with information on the audience, why they were targeted, and what benefit(s) this particular group took from the presentation		
Effectiveness of Educational Presentations 0-5 points	0 No evidence of presentation effectiveness provided	1 Limited evidence of presentation effectiveness provided	2	3 Detailed evidence of presentation effectiveness provided.	4 Detailed evidence of presentation effectiveness provided. Ideas of how to improve effectiveness shared	5		

Sustainability Challenge Rubric (continued)

							Points
Connection to Family Consumer Sciences 0-5 points	0 Not included	1 Vaguely referred to	2 Explained but done so poorly	3 Explained fully	4 Explained fully with evidence of some understanding of content area	5 Explained fully with evidence of mastery of the content area	
Works Cited/ Bibliography 0-3 points	0 No resources listed	1 Resources are incomplete, not current, or not reliable for project	2 Reliable resources but incorrect style (see style sheet)	3 Complete list of current and reliable resources, in MLA or APA style (see style sheet)			
Appearance 0-3 points	0 Portfolio is illegible and unorganized	1 Portfolio is neat, but may contain grammatical or spelling errors and is organized poorly	2 Portfolio is neat, legible, and professional, with correct grammar and spelling	3 Neat, legible, professional, correct grammar and spelling used with effective organization of information			
ORAL PRESENTATION							
Organization/ Delivery 0 – 10 points	0 Presentation is not done or presented briefly and does not cover components of the project	1 Presentation covers some topic elements	2 Presentation covers all topic elements but with minimal information	3 Presentation gives complete information but does not explain the project well	4 Presentation covers information completely but does not flow well	5 Presentation covers all relevant information with a seamless and logical delivery	
Knowledge of Environmental Concern 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 effectively used 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 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 Voice qualities not used effectively	1 Voice quality is adequate	2 Voice quality is good, but could improve	3 Voice quality is outstanding and pleasing			
Body Language/ Clothing Choice 0-3 points	0 Uses inappropriate gestures, posture or mannerisms, avoids eye contact/inappropriate clothing	1 Gestures, posture, mannerisms and eye contact is inconsistent/ clothing is appropriate	2 Gestures, posture, mannerisms, eye contact, and clothing are appropriate	3 Gestures, posture, mannerisms, eye contact, and clothing enhance 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 – include two things done well

and two opportunities for improvement:

TOTAL
(90 points possible)

Evaluator # _____
Evaluation Initial _____
Room Consultant Initial _____