



# DIGITAL PHOTOGRAPHY

 The technology of photography keeps changing, even as its value endures.

## OVERVIEW

Participants produce a digital album consisting of color or black and white digital photographs that represent or relate to a chosen theme (posted on the TSA website under Competitions/ Themes and Problems) and place the album on a storage device (USB flash drive) for submission. Semifinalists produce a series of digital photographs taken at the conference site that are edited appropriately for the on-site task.

## ELIGIBILITY

Participants are limited to three (3) individuals per state.

## TIME LIMITS

- A. The entry must be completed during the current school year.
- B. Semifinalists are given ½ hour to set up their equipment and to receive the on-site task and procedures.
- C. Semifinalists are given 2½ hours to complete the on-site task and must be available for evaluation after the on-site task is completed.

## ATTIRE

TSA competition attire, as described in the National TSA Dress Code section of this guide, is required.

## PROCEDURE

- A. Students use their interpretation of the theme to unify the photographs included in the album. The album and a cover page collage must be completed during the current school year. The participant is solely responsible for all aspects of participation, including taking pictures, editing pictures, and completing the album.
- B. Participants check in their entries at the time and place stated in the conference program. The USB flash drive should be submitted in a labeled and sealed envelope.

- C. Entries are reviewed by evaluators. Neither students nor advisors are present at this time. A semifinalist list in random order is posted.
- D. Semifinalists report with their equipment to the event area at the time and place stated in the conference program. Each participant, with one (1) assistant (an advisor, fellow student, or adult chaperone), is allowed ½ hour to set up and test the equipment.
- E. At the end of the set-up time, the event coordinator and evaluators present the on-site task and related procedure with the semifinalists. Each year the task involves students documenting a current, appropriate aspect of the conference, such as a competitive event, a special focus of the site, a general session, etc. Semifinalists may have different tasks.
- F. Semifinalists are given 2½ hours to complete the task, including taking their pictures and editing or enhancing them.
- G. As each semifinalist finishes the task, s/he informs the evaluators and completes a written questionnaire.
- H. Students must pick up their equipment when the evaluators are finished.

 This event is entirely digital and does not require the submission of a portfolio or printed materials.

**It is essential that students and advisors routinely check the TSA website ([www.tsaweb.org](http://www.tsaweb.org)) for updated information about TSA general rules and competitive event guidelines. This information is found on the website under Competitions/ Competition Updates. When students participate in any TSA competitive event, they are responsible for knowing of all updates, changes, and clarifications related to that event.**

## REGULATIONS

- A. Preparing the album
  - 1. All documents must be saved to a USB flash drive and presented in the following order:
    - a. Cover page - must include the event title, the conference city and state, the year, the participant's ID number, and a collage of photographs related to the current theme.
    - b. Description of the theme (a detailed description of how the theme is documented or represented by the photographs) and a title
    - c. Description of each of the four (4) original photos and their edited versions - one (1) candid, one (1) still life, one (1) pose portrait, and one (1) photo of the student's

 Participants may use photos from the cover page collage in the album.

- choice; each original photo and its edited version should be included on the page after the description
- d. Resource page (a list of resources used to complete the album, including camera, software, and hardware, etc.)
- B. Digital photographs
1. Must be taken, edited, and saved digitally
  2. Can be either black and white or color photographs
  3. Should be edited and enhanced using appropriate software
  4. Enhancements and/or editing should be done ethically and in a way that makes a better picture.
- C. Semifinalist task
1. Semifinalists must follow procedures and guidelines as set forth in the introduction to the task.
  2. Semifinalists are not allowed to seek help or guidance from any individual.
  3. The task must be completed within the specified time frame.
  4. Participants are responsible for providing all necessary equipment, including a digital camera, computer system, power strip, software, and a fifty foot (50') extension cord. A printer is not required. The event coordinator supplies tables, chairs, and electricity.
  5. Participants must submit images in a presentation slideshow format with the unedited and edited photographs in each of the six (6) slides.
  6. Presentations should be saved on a USB flash drive.
  7. Semifinalist entries are judged from each semifinalist's computer system, which must be capable of reading the images in slideshow format from a USB flash drive.
  8. Entries become the property of national TSA, Inc. and may or may not be used in future promotional materials and publications.
  9. Semifinalists will be given a brief written questionnaire in which they may be asked to explain their solution to the on-site task.
- D. Recognizable individuals selected and pictured in images must give their written consent before the images can be used for this event. (See Photo/Film/Video Consent and Release form that follows.)

## EVALUATION

Evaluation is based on the effectiveness and quality of the album and how it addresses the current theme. Semifinalists are evaluated on their ability to use digital photography technology, systems, and themes to complete an on-site task. Please refer to the official rating form for more information.

## STEM INTEGRATION

This event has connections to the STEM areas noted below.  
Please refer to the STEM INTEGRATION section of this guide.

Science, Technology, Engineering, Mathematics

## COMMON CORE STATE STANDARDS (CCSS) INTEGRATION

Please refer to the Common Core State Standards (CCSS) Integration section of this guide for more information.

## LEADERSHIP SKILLS

Leadership skills promoted in this event:

- Communication: Students effectively communicate the theme to others. Use leadership activities: *Acting Out!* and *Take Action*
- Creative thinking: Students develop creative and original ideas to meet event requirements. Use leadership activities: *Around the World* and *Fashion Forward*
- Evaluation: Students develop an idea that captures the viewer's attention. Use leadership activities: *Evaluation Methods* and *Finish Line to Start Line*

Additional leadership skills promoted in this event:

- Ethics
- Organization

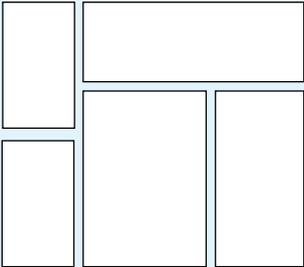
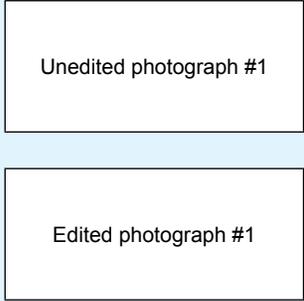
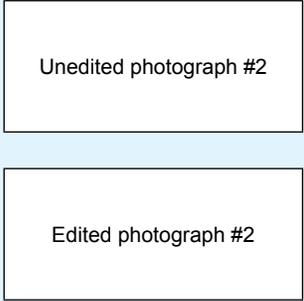
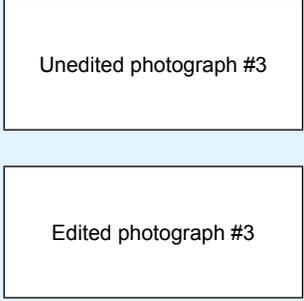
## TSA AND CAREERS

This competition has connections to one or more of the career areas featured in the TSA AND CAREERS section of this guide. Use *The 16 Career Clusters* chart and the *TSA Competitions and Career Clusters* grid as resources for information about careers.

## CAREERS RELATED TO THIS EVENT

- Animator
- Photojournalist
- Research and development scientist
- Reporter
- Website designer

## DIGITAL PHOTOGRAPHY ALBUM LAYOUT

Cover page	Page One	Page Two
<p>Digital Photography</p>  <p>Conference city, state, year, and participants ID#</p> <p>The current theme</p>	<p>List the theme here.</p> <p>Describe in detail the theme being documented by the photographs; include a title.</p> <p>Photographs unrelated to the theme should not be included in this album.</p>	<p>Place here a description of the first original, unedited photograph and the edited version of the photograph that will be on page three.</p> <p>Explain in detail (3-4 paragraphs) how the first photograph was changed from the original to the edited version.</p>
Page Three	Page Four	Page Five
 <p>Unedited photograph #1</p> <p>Edited photograph #1</p>	<p>Place here a description of the second original, unedited photograph and the edited version of the photograph that will be on page five.</p> <p>Explain in detail (3-4 paragraphs) how the second photograph was changed from the original to the edited version.</p>	 <p>Unedited photograph #2</p> <p>Edited photograph #2</p>
Page Six	Page Seven	Page Eight
<p>Place here a description of the third original, unedited photograph and the edited version of the photograph that will be on page seven.</p> <p>Explain in detail (3-4 paragraphs) how the third photograph was changed from the original to the edited version.</p>	 <p>Unedited photograph #3</p> <p>Edited photograph #3</p>	<p>Place here a description of the fourth original, unedited photograph and the edited version of the photograph that will be on page nine.</p> <p>Explain in detail (3-4 paragraphs) how the fourth photograph was changed from the original to the edited version.</p>



## DIGITAL PHOTOGRAPHY ALBUM LAYOUT (continued)

### Page Nine

Unedited photograph #4

Edited photograph #4

The layout for Page Nine consists of a light blue rectangular area containing two white rectangular boxes stacked vertically. The top box is labeled 'Unedited photograph #4' and the bottom box is labeled 'Edited photograph #4'.

### Page Ten

Resource page

Describe in a list the type of camera, software, and computer used to complete the album.

The layout for Page Ten is a single light blue rectangular area containing the text 'Resource page' followed by the instruction 'Describe in a list the type of camera, software, and computer used to complete the album.'

## DIGITAL PHOTOGRAPHY EVENT COORDINATOR INSTRUCTIONS

### PERSONNEL

- A. Event coordinator
- B. Evaluators, two (2) or more

### MATERIALS

- A. Coordinator's packet, containing:
  - 1. Event guidelines, one (1) copy for the coordinator and each evaluator
  - 2. TSA Event Coordinator Report
  - 3. List of evaluators/assistants
  - 4. Stick-on labels for identifying entries
  - 5. Results envelope with coordinator forms
- B. Semifinalist materials (coordinator must create these)
  - 1. Evaluation schedule
  - 2. Task and guidelines
  - 3. Interview questions

### RESPONSIBILITIES

- A. Upon arrival at the conference, report to the CRC room and check the contents of the coordinator's packet. Review the event guidelines and check to see that enough evaluators/assistants have been scheduled.
- B. Inspect the area or room in which the event is to be held for appropriate set-up, including room size, chairs, tables, outlets, etc. Notify the event manager of any potential problems.
- C. Check in the entries at the time stated in the conference program. Anyone reporting who is not on the entry list may check in only after official notification is received from the CRC. Late entries are considered on a case-by-case basis and only when the lateness is caused by events beyond the participant's control. Requirements for attire do NOT apply during check-in. Secure the entries in the designated area.
- D. Review the time limits, procedures, and regulations with evaluators. Clear up any questions or misunderstandings.
- E. Evaluators independently review the entries.



- F. For participants who violate the rules, the decision either to
  - 1) deduct twenty percent (20%) of the total possible points or
  - 2) disqualify the entry, must be discussed and verified with the evaluators, event coordinator, and CRC manager, who all must initial either of these actions on the rating form.
- G. Submit semifinalist results to the CRC for posting.
- H. Create the semifinalist task statements and plan the procedure. Semifinalists may be given the same task, or share a combination of tasks, depending on the availability of suitable activities.
- I. Produce and print questions for a written questionnaire (see N below).
- J. Before the on-site task session, check the room set-up. There should be enough seating, table space, and access to electricity for twelve (12) semifinalists.
- K. Students must bring their own computers.
- L. Review procedures and the semifinalist task with evaluators.
- M. Manage the semifinalist session with evaluators, who may observe participants taking pictures.
- N. Once the work session is over, have students complete a written questionnaire, which should include the following questions:
  - 1. Why did you choose to compete in the Digital Photography competition?
  - 2. Which type of camera, software, and computer do you prefer to use for digital photographs?
  - 3. Who taught you about digital photography?
  - 4. What is the most important lesson you have learned about digital photography?
  - 5. What would you change about the Digital Photography competition?
- O. Manage the semifinalist evaluation and the removal of participants' equipment.
- P. Evaluators determine the ten (10) finalists. Evaluators discuss and break any ties that affect the top three (3) placements.
- Q. Submit the finalist results and all related forms in the results envelope to the CRC room.
- R. If necessary, manage security and the removal of materials from the event area.



## PHOTO/FILM/VIDEO CONSENT AND RELEASE

I hereby give permission for images of my child or myself (as applicable), captured during Technology Student Association (TSA) activities through film, photo or digital camera, to be used solely for the purposes of TSA promotional materials and publications, and I waive any rights of compensation or ownership thereto.

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Name of minor in images (please print)

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Name of minor's parent/guardian (please print)

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Name of adult in images (please print)

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Parent/guardian or adult's signature (as applicable)

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Date

# DIGITAL PHOTOGRAPHY

**2016 & 2017 OFFICIAL RATING FORM**
**MIDDLE SCHOOL**

## Album (60 points)

CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points
Evaluators: Using minimal (1-4 points), adequate (5-8 points), or exemplary (9-10 points) performance levels as a guideline, record the scores earned for the event criteria in the column spaces to the right. The X1 or X2 notation in the criteria column is a multiplier factor for determining the points earned. (Example: an "adequate" score of 7 for an X1 criterion = 7 points; an "adequate" score of 7 for an X2 criterion = 14 points.)			
<b>Contents</b> See Regulation A (X1)	Album is unorganized and missing two or more components; the album is not correctly formatted.	Album is organized and formatted, and/or missing only one component.	Album is exceptionally organized and contains all required components.
<b>Theme statement</b> (X1)	Theme communicated is difficult to understand; explanation is illogical; definition and/or explanation of the theme may be unclear.	Theme is communicated, defined, and explained appropriately.	Theme is clear and concise; communication, definition, and explanation of the theme interest the reader.
<b>Candid photos</b> (X1)	Photos do not adhere to basic photography principles (composition, rule of thirds, distraction, framing, balance, contrast, and lighting); photos do not connect with the theme.	Photos adhere to basic photography principles, with only a few exceptions; photos somewhat connect with theme, and creativity is evident.	All photos hold to basic photography principles, and creativity and theme are exemplified in each photograph.
<b>Still life photos</b> (X1)	Photos do not adhere to basic photography principles (composition, rule of thirds, distraction, framing, balance, contrast, and lighting); photos do not connect with theme.	Photos adhere to basic photography principles, with only a few exceptions; photos somewhat connect with theme, and creativity is evident.	All photos hold to basic photography principles, and creativity and theme are exemplified in each photograph.
<b>Posed portraits</b> (X1)	Photos do not adhere to basic photography principles (composition, rule of thirds, distraction, framing, balance, contrast, and lighting); photos do not connect with theme.	Photos adhere to basic photography principles, with only a few exceptions; photos somewhat connect with theme, and creativity is evident.	All photos hold to basic photography principles, and creativity and theme are exemplified in each photograph.
<b>Student's choice photos</b> (X1)	Photos do not adhere to basic photography principles (composition, rule of thirds, distraction, framing, balance, contrast, and lighting); photos do not connect with theme.	Photos adhere to basic photography principles, with only a few exceptions; photos somewhat connect with theme, and creativity is evident.	All photos hold to the basic photography principles, and creativity and theme are exemplified in each photograph.
<b>SUBTOTAL (60 points)</b>			
Photographic Principles and Image Editing (40 points)			
CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points
<b>Image enhancements</b> (X2)	Three or fewer image editing principles (size alteration, cropping, in-painting, color change, photo orientation, softening, sharpening, etc.) are usefully incorporated into photographs.	Multiple and correct use of the proper image editing principles are incorporated into most of the photographs.	All photographs are enhanced using proper image editing principles, which aid in making enhanced photographs more visually appealing.

Record scores in the column spaces below.



<b>Editing ability</b> (X2)	Very little difference is noticed between edited and original photographs, and/or no evidence of image editing is observed.	Most edited photographs are easily recognized as being different from the original; proper editing principles are used.	All photographs exhibit the use of proper editing principles and allow for easy distinction between original and edited versions.	
<b>SUBTOTAL (40 points)</b>				

Rules violations (a deduction of 20% of the total possible points for the above sections) must be initialed by the evaluator, coordinator and manager of the event. Record the deduction in the space to the right.

Indicate the rule violated: \_\_\_\_\_

<b>On-Site Semifinalist Problem (50 points)</b>				
CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points	
<b>Solution</b> (X2)	Three or more attributes of the solution's criteria are missing.	Most attributes of the solution's criteria are evident.	Only one or no attributes of the solution's criteria is/are missing.	
<b>Photos</b> (X1)	Photos do not adhere to basic photography principles (composition, rule of thirds, distraction, framing, balance, contrast, and lighting); photos do not connect with theme.	Photos adhere to basic photography principles, with only a few exceptions; photos somewhat connect with theme, and some creativity is evident.	All photos hold to basic photography principles, and creativity and theme are exemplified in each photograph.	
<b>Image enhancements</b> (X1)	Three or fewer image editing principles (size alteration, cropping, in-painting, color change, photo orientation, softening, sharpening, etc.) are effectively incorporated into photographs.	Multiple and correct use of proper image editing principles are incorporated into most of the photographs.	Multiple and correct use of proper image editing principles are incorporated into all photographs.	
<b>Written questionnaire</b> (X1)	Information communicated is difficult to understand; an illogical explanation is presented.	Information is communicated, and thoughts are mostly organized and/or concise.	Information is communicated in an organized, clear, and concise manner.	
<b>SUBTOTAL (50 points)</b>				

Rules violations (a deduction of 20% of the total possible points for the semifinalist section) must be initialed by the evaluator, coordinator and manager of the event. Record the deduction in the space to the right.

Indicate the rule violated: \_\_\_\_\_

(To arrive at the TOTAL score, add any subtotals and subtract rules violation points, as necessary.) **TOTAL (150 points)**

Comments:

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I certify these results to be true and accurate to the best of my knowledge.

Evaluator

Printed name: \_\_\_\_\_ Signature: \_\_\_\_\_