

PA High School Computer Fair 2009

Category Rules/Guidelines



Animation

Example Projects:

Interactive Tutorials, Skits, Cartoons

Example Software:

Flash, Fireworks, CorelDRAW, 3D Animation Pro, Claymation

Specific Category Rules:

- The judged animation must be limited to 5 minutes. If it is part of a larger project, copy the five minutes that you want judged.
- Spelling and grammar will be judged on narrative and project.
- Projects may be displayed on a single computer.
- No live Internet connections will be available.
- Displays and monitors must not exceed 21 inches.
- Space will be assigned and limited to 3 feet per project.
- Directions for re-launching the project must be provided, as well as any passwords. (May use narrative)

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed/available that clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Animation Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

Copyright Sign-off forms are required for each project. This form must accompany each entry into the High School Computer Fair. The form must be signed by all students of the project team and the sponsor.

The Pennsylvania High School Computer Fair, although educational, removes the student work from the classroom and therefore requires the student to get permission from the owner to use any copyrighted music, video, graphics etc. Typical limits of 30 seconds for music and 10% or three minutes for video would **NOT** be applicable because “fair use” guidelines only apply in educational environments like classrooms or schools. Remember to credit music or items that were created by yourself or friends as well.

Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

- The document will not be judged for grammar or appearance.
- Tri-fold displays are not judged, they are for clarification purposes only.

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Category Rules/Guidelines



Computer Fair Logo

Example Projects:

T-shirts, mugs, mouse pads, poster

Example Software:

Photoshop, Illustrator, InDesign

Specific Category Rules:

- Designs must be limited to two colors and suitable for silk screening. (see explanation below)
- Projects must be submitted in one color scheme only.
- Each project must demonstrate two different applications of the design.
- Each project must be shown on paper to fit in a 3" x 3" area.
- All designs must contain the year 2010 (not '10), since the winning logo will be used for the following year's competition.
- All projects must contain PA or Pennsylvania High School (not HS) Computer Fair.
- No computers will be allowed.
- Space will be assigned and limited to 3 feet per project.
- Spelling and grammar will be judged on narrative and project.

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed/available that clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Computer Fair Logo Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Explanation of the Two-Color Rule:

The project may use many different shades of a single ink, but only two ink colors may be used. Assume that the background color is white; if parts of your design are white, then you are not using an ink for that part of the design. White is not considered an ink color. To clarify, you may use a single yellow ink color. You may also use percentages of that single yellow ink color throughout your design. You cannot, however, use more than two different inks. For example, purple, red, and green on a white background would not be allowed. Black is considered an ink color. The winning design will be used for next year's competition.

Copyright Requirements

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PA High School Computer Fair 2009

Category Rules/Guidelines



(Computer Fair Logo Rules cont'd)

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Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

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Category Rules/Guidelines



Curriculum-Based Web Page Design

Example Projects:

AP Biology Website, Russia, Emily Dickinson, Introduction to Trigonometry

Example Software:

HTML editors, FrontPage, Dreamweaver

Specific Category Rules:

- The content must present information about a core curriculum area.
- Projects may be displayed on a single computer.
- No live Internet connections will be available.
- Displays and monitors must not exceed 21 inches.
- Space will be assigned and limited to 3 feet per project.
- Spelling and grammar will be judged on narrative and project.
- Directions for re-launching the project must be provided, as well as any passwords. (May use narrative)

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed/available that clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Curriculum-based Web Page Design Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

Copyright Sign-off forms are required for each project. This form must accompany each entry into the High School Computer Fair. The form must be signed by all students of the project team and the sponsor.

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Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

- The document will not be judged for grammar or appearance.
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Category Rules/Guidelines



Digital Movie

Example Projects:

Documentary: Shearer Elegance, Life Fitness, Public Service Announcement, Wooden Waves Commercial

Example Software:

iMovie, Final Cut Pro, Media 100, Movie Maker, Adobe Premiere

Specific Category Rules:

- Projects **MUST** contain a flow chart or planning document (see Digital Scoring Guideline for details).
- The judged video clip must not exceed 5 minutes. If it is part of a larger project, copy the five minutes that you want judged.
- Projects may be displayed on a single computer or on a VHS tape.
- No live Internet connections will be available.
- Displays and monitors must not exceed 21 inches.
- Space will be assigned and limited to 3 feet per project.
- Spelling and grammar will be judged on narrative and project.
- Directions for re-launching the project must be provided, as well as any passwords. (May use narrative).

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included in the narrative.
- A storyboard is not displayed/available that clarifies the process used to create the project.(see rubric)

If a project meets the above rules it will be judged using the *Digital Movie Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

Copyright Sign-off forms are required for each project. This form must accompany each entry into the High School Computer Fair. The form must be signed by all students of the project team and the sponsor.

The Pennsylvania High School Computer Fair, although educational, removes the student work from the classroom and therefore requires the student to get permission from the owner to use any copyrighted music, video, graphics etc. Typical limits of 30 seconds for music and 10% or three minutes for video would not be applicable because “fair use” guidelines only apply in educational environments like classrooms or schools. Remember to credit music or items that were created by yourself or friends as well.

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PA High School Computer Fair 2009

Category Rules/Guidelines



(Digital Movie Rules cont'd)

Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

- The document will not be judged for grammar or appearance, but should be legible and organized.
- This document is **REQUIRED** for this category. Projects without it will not be judged.

PA High School Computer Fair 2009

Category Rules/Guidelines



Graphic Design

Example Projects:

T-shirts, mugs, mouse pads, poster

Example Software:

Photoshop, Illustrator, InDesign

Specific Category Rules:

- The graphic design project must be in printed form.
- No computers will be allowed.
- Space will be assigned and limited to 3 feet per project.
- Spelling and grammar will be judged on narrative and project.

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed and clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Graphic Design Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

Copyright Sign-off forms are required for each project. This form must accompany each entry into the High School Computer Fair. The form must be signed by all students of the project team and the sponsor.

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Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

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Category Rules/Guidelines



Information-Based Web Page Design

Example Projects:

Jim Thorpe Olympians Web Site, Import Motor Sports, Virginia Donnolo's Distinctive Florals Website, Hanover High School Guidance Website

Example Software:

HTML editors, FrontPage, Dreamweaver

Specific Category Rules:

- The website must be developed for a non-profit, community organization or small business.
- Projects may be displayed on a single computer.
- No live Internet connections will be available.
- Displays and monitors must not exceed 21 inches.
- Space will be assigned and limited to 3 feet per project.
- Spelling and grammar will be judged on narrative and project.
- Directions for re-launching the project must be provided, as well as any passwords. (May use narrative)

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed and clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Information-Based Web Page Design Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

Copyright Sign-off forms are required for each project. This form must accompany each entry into the High School Computer Fair. The form must be signed by all students of the project team and the sponsor.

The Pennsylvania High School Computer Fair, although educational, removes the student work from the classroom and therefore requires the student to get permission from the owner to use any copyrighted music, video, graphics etc. Typical limits of 30 seconds for music and 10% or three minutes for video would not be applicable because "fair use" guidelines only apply in educational environments like classrooms or schools. Remember to credit music or items that were created by yourself or friends as well.

Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

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Multimedia Presentations

Multimedia: Of or relating to an application that can combine text, graphics, full-motion video, and sound into an integrated package.

Example Software:

PowerPoint, Keynote, Flair, Adobe Presenter

Specific Category Rules:

- Project may include animation or video if part of a larger interactive presentation. (Note: 3D animation or video cannot be a stand-alone project but the animation or video may be integrated into the presentation to enhance the project.)
- Project must be limited to one presentation not a collection of works.
- Projects may be displayed on a single computer.
- No live Internet connections will be available.
- Displays and monitors must not exceed 21 inches.
- Space will be assigned and limited to 3 feet per project.
- No projectors or screens will be allowed.
- Spelling and grammar will be judged on narrative and project.
- Directions for re-launching the project must be provided, as well as any passwords. (May use narrative)

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed and clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Multimedia Presentations Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

Copyright Sign-off forms are required for each project. This form must accompany each entry into the High School Computer Fair. The form must be signed by all students of the project team and the sponsor.

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PA High School Computer Fair 2009

Category Rules/Guidelines



(Multimedia Presentation Rules cont'd)

Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

- The document will not be judged for grammar or appearance.
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Category Rules/Guidelines



Programming

Projects entered into the Programming category must be based on one of the following scenarios:

- 1) Create an interactive educational game such as card games, coin flips, or rolling dice. Use your imagination!
- 2) Create a string manipulation that forms a basic algorithm such as conversions, data sorting, or image manipulation. Be creative!
- 3) Create a database-driven application with user login and registration that will have the capability for the user to submit and display a text entry. Examples would be an interactive blog, forum/chat, or comment/rating functionality. The sky's the limit!

Example Languages:

C/C++, Java, Visual Basic, .pHp, Python

Specific Category Rules:

- Projects **MUST** contain a flow chart (see Programming Scoring Guideline for details).
- No live internet connections will be available; all projects must be contained on a local hard drive and must not rely on an internet connection.
- Projects may be displayed on a single computer.
- Displays and monitors must not exceed 21 inches.
- Space will be assigned and limited to 3 feet per project.
- Spelling and grammar will be judged on narrative and project.
- Directions for re-launching the project must be provided, as well as any passwords. (May use narrative)

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A flow chart is not displayed to clarify the process used to create the project.

If a project meets the above rules it will be judged using the *Programming Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

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PA High School Computer Fair 2009

Category Rules/Guidelines



(Programming Rules cont'd)

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Flowchart

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

- The document will not be judged for grammar or appearance, but should be legible and organized.
- This document is **REQUIRED** for this category. Projects without it will not be judged.

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Category Rules/Guidelines



Text-Based Desktop Publishing

Example Projects:

Pamphlets, short books, illustrated stories, flyer for student run event, club newsletters, tri-folds for events, restaurant menus

Example Software:

PageMaker, Word, Xpress, InDesign, Publisher

Specific Category Rules:

- Yearbook, Newspapers and Literary Magazines are no longer eligible.
- Projects must be in print form, no computers will be allowed.
- Spelling and grammar will be judged on the narrative and project.
- Space will be assigned and limited to 3 feet per project.

A project will **NOT** be judged if any of the following occur:

- The narrative description is missing.
- Copyright information and credits are not included on the narrative.
- A planning document is not displayed and clarifies the process used to create the project.

If a project meets the above rules it will be judged using the *Text-Based Desktop Publishing Scoring Guideline*.

Narrative Descriptions

Narrative descriptions are required for all projects. If the narrative is not provided the project will **NOT** be judged. They must be detailed enough to provide the judges with any information to fairly judge the project.

Copyright Requirements

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Planning Document (Storyboard/Flowchart)

All projects need to display the process used to create the project. This should be specific and as detailed as possible to give the judges the necessary background regarding how it was developed. You may choose to put it on your tri-fold display or bring a loose-leaf notebook with your notes.

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