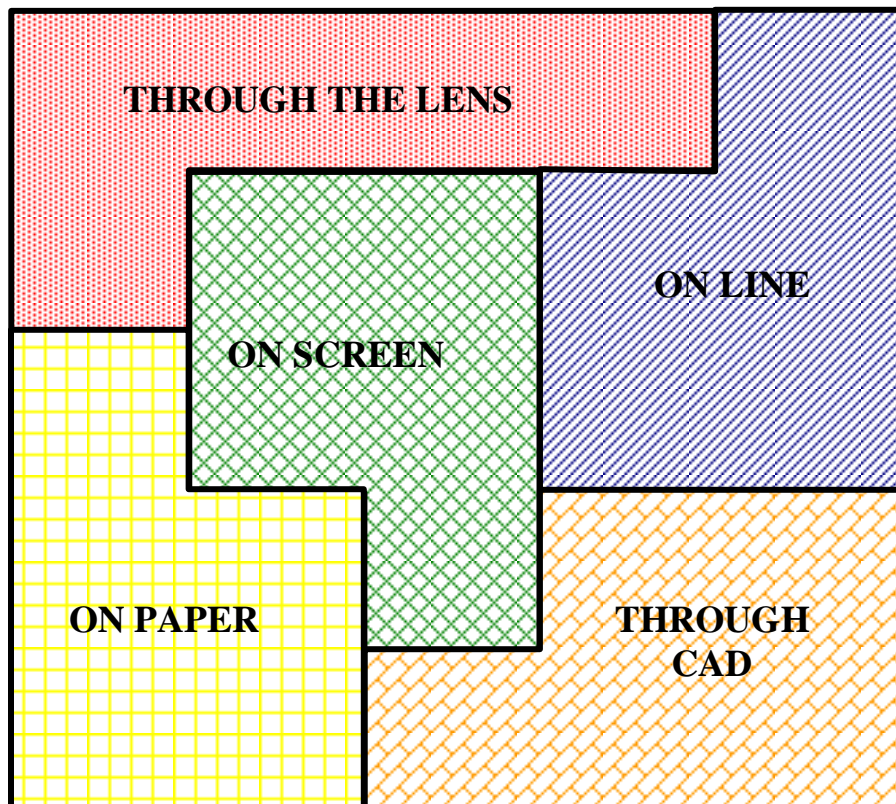


Tech Fest 2012

Rules & Regulations



Important Dates

February 2, 20102

Judging at WTHS

February 16, 2012

@ Worcester Technical High School

5:30 p.m. view entries

6:30 p.m. awards ceremony

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Tech Fest 2012 Competitions

PURPOSE: The annual Tech Fest is a time for celebrating the important role different technologies play in our lives. It is a time to try various ways of using technology, a time to learn about new technology products, and a time to share knowledge among users and nonusers on how technology is used in our local community. The competitions are intended to encourage people to learn to use technology and to share their knowledge with others.

PARTICIPATION: Students enrolled in Worcester County Public Schools may participate. Each school may enter four (4) entries in each grade division of each competition, if the school population is less than 500. Schools with a population over 500 may add an additional entry for each additional 100 students. If more than the allowed number of entries in a category are produced, a runoff will be held in that school to determine the entries in the Worcester County Tech Fest.

DATE AND LOCATION: The Tech Fest will take place on Thursday, February 16, 2012, at Worcester Technical High School. Viewing begins at 5:30 PM. The announcement of winners and presentation of awards will begin at 6:30 PM. Student entrants are encouraged to be present to share their entries with family and friends during this time. (All entries are judged prior to the evening of the actual Tech Fest.)

ENTRY FORMS: Originals of entry forms and labels are included in the Rules and Regulations. Library media specialists will run the necessary forms specified for each competition. **WE WILL USE WHITE PAPER FOR ENTRY FORMS AND LABELS FOR WCTF 2012. FORMS MUST BE TWO-SIDED, WITH BOTH ENTRY AND JUDGING FORMS ON A SINGLE SHEET.** There should be **NO** entries with separate sheets stapled together. An entry form and a label must accompany each project.

SPONSORSHIP: All students' entries must have an adult sponsor. The sponsor may be a parent, teacher, or other adult. The role of the sponsor is to serve as a technical advisor, to assist with communication, and verify that the entry is the work of the entrant(s).

COPYRIGHT: The use of copyrighted material is limited to what is allowed under the *Fair Use Exception* to copyright law. Copyrighted material that does not qualify as *fair use* must be accompanied by written permission from the copyright holder. Additional information about "Fair Use" is contained in this booklet, as are some forms which may be helpful in requesting copyright permission. Entries which fail to follow these guidelines will be disqualified.

DATES:

Before 1/19/12	Entries to be reported to the LMS
Before 1/23/12	All entries submitted to the LMS in preparation for Divvy Day and run-offs
Monday 1/23/12	Tech Fest Data submitted to D. Young via email on the spreadsheet provided
Thursday 1/26/12	Divvy Day - All LMS and Clay Reister responsible for getting projects to WTHS with ALL proper paperwork and guidelines followed
Thursday 2/2/12	Judging Night at WTHS
Thursday 2/16/12	Tech Fest Exhibit at 5:30 with Awards at 6:30
Thursday 2/23/12	Snow Date
	Each LMS and Clay Reister may set dates prior to 1/19/12 to meet the needs of the individual school and allow time for run-offs.

"THROUGH THE LENS"

Photography

DESCRIPTION:

A total of 8 photos may be entered with only 1 per category outlined below. (See chart below to assist you.) For each subject category, photos may be entered in color, monochrome, or experimental. The actual visible area of the photograph after mounting may no smaller than **4" x 6" and no larger than 16" x 20"**. The mount size should be no larger than 24" x 30".

SUBJECT CATEGORIES: The categories are designed to help us group similar photos for judging. If a photo seems to fit in more than one category, it is ultimately the decision of the photographer.

1. PORTRAITS

ANIMALS:

a. Color b. Monochrome* c. Experimental**

PEOPLE:

a. Color b. Monochrome* c. Experimental**

2. STILLS

PLANTS/BOTANICALS

a. Color b. Monochrome* c. Experimental**

NON-LIVING OBJECTS

a. Color b. Monochrome* c. Experimental **

3. SCENIC

THE GREAT OUTDOORS

a. Color b. Monochrome* c. Experimental**

BUILDINGS, INTERIOR OF BUILDINGS, or ARCHITECTURAL ELEMENTS

a. Color b. Monochrome* c. Experimental**

*Monochrome is not restricted to black and white

** To be experimental, the photographer must make significant alterations to the photo in the camera, on the computer, or in the dark room OR employ special techniques in the dark room such as photograms. Cropping, adjustment of contrast or brightness, red-eye reduction, are just techniques of good photography, and not experimental. However, the use of special tools like paintbrush, airbrush, blur, sponge, or gradient would make it experimental. Also, the application of special effects such as emboss, pixelate, diffuse, etc., would constitute experimental. A clear explanation of what the photographer did to alter the photo will be on the entry form.

****Use this table to conveniently keep track of your photo entries. Remember: You may only enter one per category and NO MORE than eight (8) photos all together.**

		Color	Monochrome	Experimental
PORTRAITS				
	Animals			
	People			
STILLS				
	Plants/Botanicals			
	Non-living Objects			
SCENIC				
	Great Outdoors			
	Buildings, Interiors			

PROCEDURES:

- **All entries must be photographed by the student entering the photograph in the Festival.** Prints must have been produced within the last year prior to the Festival and may not have been entered in a previous TECH FEST. Please consider your subject matter carefully. If the photo may be offensive to the sensitivities of the school community, it may be judged, but not displayed for the public. All Rules and Codes of Conduct for the Worcester County Board of Education will apply to production and content.
- **Students may enter a total of 8 photos with ONLY 1 per category.** (Use the chart on the previous page to assist you.)
- **Each photo must have a title.** The title should reflect what the photographer was trying to capture.
- **Each photo entry must be individually mounted or matted.** This refers to placing a pleasing border around your photo to focus attention on your subject matter. Do not enclose your photo in a wooden frame or under glass or plastic. Do not add any decorations or adornments to the mats. Use a mat or mounting frame composed of two pieces of heavy mat or poster board. Flush mounting is also acceptable if no border is desired by the photographer. Use rubber cement, dry mount tissue, or double face tape to adhere to the backing board. Ready-made mats are easy to use and readily available at photography, craft, or discount department stores. **Mats should be made of a solid substance, not something like construction paper. Also, the mat should cover the entire back of the photo; no mats with cut-out areas should be used.** The purpose of this regulation is that the photo be well-protected.
- **A captured image can only be entered once.** A photo may not be manipulated so that it may be entered as color, monochrome, and experimental. In brief, if you click the camera once, you can only enter once!

GRADE LEVELS:

PK-2 3-5 6-8 9-12. All prints must be the work of an individual.

AWARDS: A Gold Award *may be given* to an entry at the discretion of the judges. Silver Awards **may** also be awarded by judges to any entry(s) which they feel are worthy of recognition. Exceptional photos will also be considered for "The Media Specialists' Award." All winning photos will become part of an exhibition to be displayed around the county but will ultimately be returned to the photographers.

JUDGING CRITERIA AND HELPFUL HINTS

"Through the Lens"

COMPOSITION: The principles of art composition apply to still photography. The use of line, texture, forms, and color creates interest. An element of composition is grouping forms. Planes of forms or parts of forms must be aesthetically arranged. For example, if three objects are to be grouped, it is considered more aesthetic to have them placed at unequal distances than to have them spaced equally in a row. It is also more interesting to have one of these objects placed at a different angle (plane) than the others.

Composition should also include balance in relation to form and color. Lighter or smaller objects on the other side may balance a heavy or large object on one side. Colors need to be distributed throughout the print. Composition may also include movement. Forms or objects may be arranged to give direction to the eye of the observer. Forms and objects should be arranged as stepping stones to lead from one to the other.

CONTENT: The element of content deals with the overall choice of subject matter. It should be appropriate. It should be timely and well thought out. It should have a purpose and theme, and should capture a "moment of time or place."

CROPPING: Cropping is a technical term related to the way in which the student photographer emphasizes the subject matter of the print. Cutting out (cropping) unwanted objects or borders from the print can achieve this.

ORIGINALITY: The term originality applies to the creative aspects of a print. Have you presented your subjects in an unusual or interesting manner? If you photograph animals, have you placed them in unusual costumes or backgrounds? This is just one way in which creativity may be utilized in adding originality to your print.

PROCESSING - FOCUS - CLARITY: This is a technical term. Is your print attractive and well developed or printed from edge to edge? Are colors sharp? Are your subjects in focus? If you develop your own prints are there spots, watermarks, or chemical traces on your print? Points awarded for processing are based upon the presentation of the print.

APPROPRIATE TECHNIQUE: Techniques should be used to make the print unique. If there is a moving subject, was this highlighted by placing the background out of focus? Are night-lights softened or highlighted? Is the subject matter presented at its most advantageous position in relation to the photographer? Is depth-of-field utilized in highlighting subject matter?

TONALITY: Tonality is a technical term dealing with the arrangement of colors, especially tints in a picture. Do various shades of colors complement each other, or do they clash to the extent of creating a displeasing picture? Moreover, in black and white photography, are various shades of black and white utilized effectively - especially in movement from lighter to darker areas in the print?

APPROPRIATENESS TO SUBJECT AREA AND OVERALL IMPRESSION: Each of the previous criteria allows for the evaluation of a photograph, element by element. This criterion allows the evaluators to look at the total photograph as a whole and critique it as representative of the subject area in which it was placed by the photographer. The basic question asked by the evaluators will be: "Has the student photographer selected the best subject area in which to evaluate the photography?" While **CONTENT** deals with the choice of subject matter, **APPROPRIATENESS TO SUBJECT AREA** deals with selecting the right category in which to judge the photograph.

OFFICIAL ENTRY FORM

"Through the Lens"

Grades PreK - 5

Title of Entry _____

Student Name _____ School _____

Grade Level (Circle One) PK-2 3-5

Type of Photograph: (check one Subject Area and one Category)

Subject Area

Category

Portraits

____ Animals

____ People

____ Color

Stills

____ Plants/Botanicals

____ Non-living Objects

____ Monochrome

Scenic

____ The Great Outdoors

____ Buildings, Interiors, Architectural Elements

____ Experimental

Please answer completely the questions listed below.

What kind of camera did you use to take this photograph? _____ Digital _____ Film

How did you decide what to include in your photograph?

How was your photography printed? Be specific. (Home printer, Photo Shop, etc.)

Did you change your photograph with a computer, in the camera, or in the darkroom? If yes, tell what changes you made. (If experimental, be very clear about what you did to make it experimental. For example, I paintbrushed, cartoonized, airbrushed, etc.) Refer to the Subject Categories and Description for Photography.

I CERTIFY THAT THIS ENTRY HAS BEEN PHOTOGRAPHED BY THE STUDENT SUBMITTING THE ENTRY.

Student's Name - please print

Signature

Sponsor's Name - please print

Signature

JUDGES' REPORT
"Through the Lens"
Grades PreK - 5

TITLE _____

You did a great job with

Next time you may want to

OFFICIAL ENTRY FORM

"Through the Lens"

Grades 6 - 12

Title of Entry _____

Student Name _____ School _____

Grade Level (Circle one) 6-8 9-12

Type of Photography (Check one Subject Area and one Category)

Subject Area

Portraits

____ Animals

____ People

Stills

____ Botanicals

____ Non-living Objects

Scenic

____ Outdoors

____ Buildings, Interiors, Architectural Elements

Category

____ Color

____ Monochrome

____ Experimental

Please answer the questions listed below.

What kind of camera did you use to take this photograph? _____ Digital _____ Film

How was the photograph produced? _____ Home Printer _____ Professional Processor
_____ Processed myself in darkroom

Did you change your photograph with a computer, in the camera, or in the darkroom? If yes, tell what changes you made. (If experimental, be very clear about what you did to make it experimental. *For example, I paintbrushed, cartoonized, airbrushed, etc.*) Refer to the Subject Categories and Description for Photography.

I CERTIFY THAT THIS ENTRY HAS BEEN PHOTOGRAPHED BY THE STUDENT SUBMITTING THE ENTRY.

Student's name -please print

Signature

Sponsor's Name-please print

Signature

JUDGES' REPORT
"Through the Lens"
Grades 6 - 12

TITLE _____

Circle One

Rating Scale: 5-Excellent; 4- Very Good; 3-Good; 2-Fair; 1-Poor; 0-Missing/Not Evident

Composition	5	4	3	2	1	0
Content	5	4	3	2	1	0
Cropping	5	4	3	2	1	0
Originality	5	4	3	2	1	0
Processing/Printing	5	4	3	2	1	0
Appropriate Techniques	5	4	3	2	1	0
Tonality	5	4	3	2	1	0
Appropriate Subject	5	4	3	2	1	0

TOTAL POSSIBLE POINTS - 40

YOUR SCORE _____

You did a great job
with _____

Next time you may want to

"ON SCREEN" Multimedia Presentations

DESCRIPTION:

This category includes any sort of production designed to be displayed to a large group. Create a powerpoint, videotape, animation, or any combination of media ***OR write your own computer program to produce an entry which will be displayed on screen.*** For example, you may create a powerpoint that includes video clips or a videotape with animation sequences. ***You may use a computer, computer programming, or video camera, as long as the finished product may be displayed on screen.*** Entries must have sound, ***except for computer programming.*** While simple sound effects are adequate, students are encouraged to add other audio such as music or narration that would enhance the program. Programs must also have graphics at the beginning and end of the show. Programs may be any length but only the first ten minutes will be judged.

PLEASE NOTE: If your production includes hyperlinks which take the viewer to the Internet, it should be entered in the ONLINE category.

GRADE LEVELS:

PK-2, 3-5, 6-8, 9-12. Entries may be the work of an individual, a group, or a class. If students from more than one grade division work on an entry, the entry must be entered in the grade division of the oldest student participating.

CATEGORIES: Productions will be grouped into:

_____ *Video (which could be computer edited)*

_____ *Presentation Software*

_____ *Interactive Whiteboard*

_____ *Computer Programming*

PROCEDURES:

All entries, from conception to final product, must be written, directed, and produced by the students entering the production. However, there is no age limit on the actors or performers who appear in the production. Entries must have been produced within the last year prior to the Worcester County Tech Fest.

Entries may be submitted on *VHS, CD, DVD, or flash drive*. The platform may be either PC or Macintosh, but PC is preferred. Students must provide clear instructions for running their program on the entry form and to their media specialist. Productions on CD must be self-extracting (must contain a player).

Each entry must have a) title and credits presented in the beginning or ending graphics including acknowledgement of any copyrighted material, b) have an official "On Screen" label affixed to the outside of the media, c) be accompanied by the original script or storyboard, and d) be packaged in an envelope or folder with an official label attached.

Please consider your subject matter carefully. If the product produced may be offensive to the sensitivities of the school community, it may be judged, but not displayed for the public. All Rules and Codes of Conduct for the Worcester County Board of Education will apply to production and content.

AWARDS:

A Gold Award ***may be given*** to an entry at the discretion of the judges. Silver Awards ***may*** also be awarded by judges to any entry(s) which they feel are worthy of recognition. Exceptional entries will also be considered for "The Media Specialists' Award."

JUDGING CRITERIA AND HELPFUL HINTS

"ON SCREEN"

Multimedia Presentations

Creativity/Originality: Provide fresh, interesting insights into the subject of your program.

Organization/Structure/Continuity: Show evidence of planning and choice through all parts of your production as you focus on achieving the program's purpose. Show that the information or story is paced and developed in a way that keeps viewers interested and helps them understand your meaning.

Relevance/Importance/Meaning: Will anyone care about the content of your production? Is the subject or idea big enough to sustain the entire program? Is the story or message clear?

Documentation: Have you provided a storyboard or script that you used to help plan and complete your production? Evidence of pre-planning is important - not just a printed copy of the final product.

Use of Available Resources: Have you used the media opportunities available to you to their maximum effect? Did your choice of medium suit your purpose?

Overall Effectiveness: Does your program heighten viewer attention and interest? Does the program touch human emotions or feelings? When the program is over, does it leave a meaning with the viewer? Does it grab the viewer's attention?

Technical Quality:

- Judges will be looking at images for clarity: good lighting, focus, exposure, or appropriate color choices.
- The audio should be clear, appropriate, and should enhance the production.
- Presentation techniques might be the placement and ease of use of elements in a sequential still production or, if videotaping, it might be the use of pan, tilt, zoom, or other camera techniques. The camera movements should be smooth.
- Special effects, transitions, and animations should be purposeful and not distracting.
- Titles and credits should be clear and presented in a clear, attractive manner. Strive for original, creative titles and credits that are technically well done.
- A media production is like a puzzle. It has lots of pieces such as pictures, sound, color, effects, transitions, etc. When you combine all these pieces, they should fit together to make one overall impression of technical skill.

Refer to the Judging Sheet to see how each of these will be scored.

OFFICIAL ENTRY FORM

"ON SCREEN"

Multimedia Presentations

Title of Entry: _____

School: _____ Number of Participants: _____

Grade Level (circle one) PK-2 3-5 6-8 9-12

Student Producer's Name or Group Name: _____

Names of Group Participants: (If a large group, please attach a printed list of names)

TYPE OF PRODUCTION: Check One:

_____ Video

_____ Computer Programming

_____ Presentation Software
(PowerPoint, Hyperstudio, etc.)

_____ Interactive Whiteboard
(SMART, Intrewrite, Promethean Board)

PURPOSE: What was your purpose in creating your program? My purpose was to _____

Media Used: Please describe how you created your entry. Did you tape it completely on a camcorder? Did you use Movie Maker? Did you use Powerpoint? Did you use an animation program? Did you videotape and then capture it on the computer to edit it? Please be specific.

Copyright: Are there any copyrighted materials in this production? ____ Yes __ No

If yes, be sure it qualifies under "Fair Use" exception to copyright law. (See appendix) If it is not considered Fair Use, written permission must be attached. (See Appendix) In all cases, copyrighted material should be documented in your production and on space provided below. If copyrighted materials are used without permission, the entrants are disqualified.

I CERTIFY THAT THIS ENTRY HAS BEEN DIRECTED, WRITTEN, AND PRODUCED (FILMED, PHOTOGRAPHED, DRAWN, TAPED, ETC.) BY THE STUDENT(S) ENTERING THE PRODUCTION.

Student Representative - please print

Signature

Sponsor's Name - please print _____

Signature _____

JUDGES' REPORT
"ON SCREEN"
Multimedia Presentations

TITLE _____

TYPE OF MEDIA (check one):

- Video
- Presentation Software (PowerPoint, Hyperstudio, SmartBoard, etc.)
- Interactive Whiteboard (SMART, Intrerwrite, or Promethean board)*
- Computer Programming (No sound needed.) [Total possible points 55]

Rating Scale: 5-Excellent; 4- Very Good; 3-Good; 2-Fair; 1-Poor; 0-Missing/Not Included

A. CONTENT AND ORGANIZATION

Creativity/Originality	5	4	3	2	1	0
Organization/Structure/Continuity	5	4	3	2	1	0
Relevance/Importance/Meaning	5	4	3	2	1	0
Documentation	5	4	3	2	1	0
Use of Resources/Choice of Media	5	4	3	2	1	0
Overall Effectiveness	5	4	3	2	1	0

B. Technical Quality

Exposure/Focus/Color	5	4	3	2	1	0
Audio	5	4	3	2	1	0
Techniques/Composition	5	4	3	2	1	0
Special Effects/Transitions/Animations	5	4	3	2	1	0
Titles/Credits	5	4	3	2	1	0
Overall Technical Quality	5	4	3	2	1	0

*When judging Interactive Presentation projects, interactive elements should be considered as part of "techniques/composition."

TOTAL POSSIBLE POINTS - 60

YOUR SCORE _____

You did a great job

with _____

Next time you may want

to _____

"ON LINE" Interactive Projects

DESCRIPTION:

Students are challenged to create web sites, webquests, powerpoints with embedded hyperlinks which are necessary to the function of the presentation, or interactive worksheets which would also have embedded hyperlinks. All entries must be interactive. That is, they must be "online" or have embedded links which will take the viewer "online." These entries may be either educational/informational or personal/for entertainment.

GRADE LEVELS:

PK-2, 3-5, 6-8, 9-12. Entries may be the work of an individual, a group, or a class. If students from more than one grade division work on an entry, the entry must be entered in the grade division of the oldest student participating.

PROCEDURES:

Please consider your subject matter carefully. If the product produced may be offensive to the sensitivities of the school community, it may be judged, but not displayed for the public. All entries, from conception to final product, must be produced by the student(s) entering the production. Entries must have been produced within the last year prior to the Worcester County Tech Fest.

Webquests and webpages must be available online. Interactive worksheets or powerpoints may be entered on disk, CD, or flash drive. All hyperlinks should be functional. Entrants should provide evidence of planning, such as a storyboard, sketch, or research.

JUDGING CRITERIA:

- How well does the site or production serve its stated purpose?
- Is it well designed and suited to the intended audience?
- Are the links visible and understandable?
- Are the links relevant?
- Is documentation included?
- Do the creative elements enhance the usability and appeal of the document?
- Technical Quality
 - Does it follow accepted text design principles (limited mix of type & color)?
 - Does the use of graphics and icons contribute to the clarity?
 - Are the links reliable? -no deadends
 - Was the choice of techniques (webpage, webquest, powerpoint, etc.) appropriate for stated purpose?
 - Does the entry make a strong impression?

AWARDS:

A Gold Award *may be given* to an entry at the discretion of the judges. Silver Awards *may* also be awarded by judges to any entry(s) which they feel are worthy of recognition. Exceptional entries will also be considered for "The Media Specialists' Award."

OFFICIAL ENTRY FORM

"ON LINE"

Interactive Projects

Title of Entry: _____

School: _____

Student Producer's Name (Group, Class): _____

Program Used: _____

Names of Group Participants:

(If large group, attached printed list to entry form.)

Grade Level (circle one) PK-2 3-5 6-8 9-12

PRIMARY PURPOSE:

Purpose: (Check One)

Category: (Check One)

_____ Personal/Entertainment

_____ Original Design

_____ Educational/Informational

_____ Preset Templates

Who are your intended viewers or users? _____

Copyright: Are there any copyrighted materials included in this production? ___ Yes ___ No
If yes, be sure it qualifies under "Fair Use" exception to copyright law. (See Appendix) If it is not considered Fair Use, written permission must be attached. (See Appendix) In all cases, copyrighted material should be documented in your production and on space provided below. If copyrighted materials are used without permission, the entrants are disqualified.

I CERTIFY THAT THIS ENTRY HAS BEEN DIRECTED, WRITTEN, AND PRODUCED (FILMED, PHOTOGRAPHED, DRAWN, TAPED, ETC.) BY THE STUDENT ENTERING THE PRODUCTION.

Student Representative - please print

Signature

Sponsor's Name - please print

Signature

JUDGES' REPORT
"ON LINE"
Interactive Projects

TITLE _____

PURPOSE: (check one): _____ Educational/Informational _____ Personal/Entertainment
 CATEGORY: (check one): _____ Original Design _____ Preset Templates

Circle One

Rating Scale: 5-Excellent; 4- Very Good; 3-Good; 2-Fair; 1-Poor; 0-Missing/Not Included

A. CONTENT AND ORGANIZATION

Content Achieves Purpose	5	4	3	2	1	0
Content suitable to audience	5	4	3	2	1	0
Links visible and understandable	5	4	3	2	1	0
Relevance/Appropriateness of Links	5	4	3	2	1	0
Documentation	5	4	3	2	1	0
Creative Elements/ Originality	5	4	3	2	1	0

B. Technical Quality

Text Design	5	4	3	2	1	0
Use of Graphics and Icons	5	4	3	2	1	0
Reliability of Links	5	4	3	2	1	0
Appropriateness of Technique	5	4	3	2	1	0
Overall Effectiveness	5	4	3	2	1	0

TOTAL POSSIBLE POINTS - 55	YOUR SCORE _____
----------------------------	------------------

You did a great job with _____

Next time you may want to _____

"ON PAPER"
Signs, Poster, Banners, Pamphlets, and Brochures

DESCRIPTION:

Using an appropriate computer program, entrants will design a two-dimensional poster, sign, or banner. It may be no larger than four 8.5" x 11" **OR** 8.5" x 14" sheets, either arranged as a poster or banner. Use your imagination to be creative. Signs, posters, and banners should be assembled and then mounted, laminated, or matted. **OR** Using an appropriate computer program, entrants will design a three dimensional brochure, pamphlet, book jacket or greeting card using a single sheet of 8.5" x 11" **OR** 8.5" x 14" paper. It must be folded in some fashion : bi-fold, tri-fold, or quarter-fold! It may be printed on both sides of the paper and should be folded appropriately.

CATEGORIES:

- **Two-dimensional: Sign, poster, banner**
- **Three-dimensional: Pamphlet, brochure, book jacket, card**

GRADE LEVELS:

PreK-2, 3-5, 6-8, 9-1 2. Entries may be the work of an individual, a group, or a class.

NOTE: If students from more than one grade division work on an entry, the entry must be entered in the grade division of the oldest student participating.

PROCEDURES:

Projects must be completely designed on the computer. All "cut and paste" must be done using the computer. No scissors, glue, or artists' tools may be used to enhance the project. However, the individual sheets of a sign, poster, or banner may be assembled with tape or glue. Pre-designed papers cannot be accepted, but colored paper may be used. Entries may be color or black and white, but no xerox copies may be entered.

Entrants are encouraged to be creative and incorporate clip art, photos, and interesting fonts. However, if copyrighted elements are used, be sure they are considered "Fair use" or provide written permission in your documentation. Any copyrighted materials should also be credited on your entry form. Entries should have an official "On Paper" label attached on back for identifying entries. Three-dimensional entries may be presented for judging in an envelope or plastic sheet protector with the label attached so the entry is not obscured by the label.

Entries must have been produced within the last year prior to the Worcester County Tech Fest. The entrants named on the entry form must create the design. Please consider your subject matter carefully. If the product produced may be offensive to the sensitivities of the school community, it may be judged, but not displayed for the public. All Rules and Codes of Conduct for the Worcester County Board of Education will apply to production and content.

JUDGING CRITERIA:

Entries will be judged on **CREATIVITY, ORIGINALITY, BEST USE OF TECHNOLOGY TO EXPRESS THE THEME, LAYOUT, AND OVERALL EFFECTIVENESS.**

AWARDS:

A Gold Award *may be given* to an entry at the discretion of the judges. Silver Awards *may* also be awarded by judges to any entry(s) which they feel are worthy of recognition. Exceptional entries will also be considered for "The Media Specialists' Award."

JUDGING CRITERIA "ON PAPER"

CREATIVITY OF CONCEPT:

An entry should be a statement of your own ideas that you wish to communicate to your audience. If you develop your idea in an interesting or unusual manner, your production will have "Creativity." Your judges will be asking this question when they evaluate your production: "Did you develop your idea in an interesting or unusual manner?"

CONTENT:

The purpose of your production should be apparent to your audience. Some thread of unity carried out in the production should be easily determined by your plan and purpose.

ORIGINALITY:

Judges will be looking for the freshness or novelty of an idea or method. The ability to think or express oneself in an independent and individual manner should be apparent.

BEST USE OF TECHNOLOGY:

Judges will look for the way in which a particular technology has been utilized to its fullest potential in the development of the project.

GENERAL EFFECTIVENESS:

The production should make a strong impression. Judges will rate the general effectiveness of your product by how well it expresses your ideas clearly.

LAYOUT:

Judges will be looking at the overall design of your production including font size, font type, and the arrangement of words and graphics.

OFFICIAL ENTRY FORM
"ON PAPER"

Title of Entry: _____

Category (check one)

_____ Two-dimensional _____ Three-dimensional

Student Producer's Name (Group, Class) _____

School: _____

Names of Participants: (If large group, attach printed list) _____

Grade Level (circle one): PK-2 3-5 6-8 9-12

Name of Computer Program Used: _____

Copyright: Are there any copyrighted materials included in this entry? __ Yes __ No
If yes, be sure it qualifies under "Fair Use" exception to copyright law. (See Appendix) If it is not considered Fair Use, written permission must be attached. (See Appendix) In all cases, copyrighted material should be documented on space provided below. If copyrighted materials are used without permission, the entrants are disqualified.

I CERTIFY THAT THIS ENTRY HAS BEEN PRODUCED SOLELY ON A MICROCOMPUTER BY THE ENTRANTS WHOSE NAMES ARE LISTED. NO XEROXING, CUTTING, PASTING, AND/OR OTHER ENHANCEMENT ADDED BY HAND HAS BEEN USED.

Student Representative *please print*

Signature

Sponsor's Name *please print*

Signature

JUDGES' REPORT
"ON PAPER"

TITLE _____

Circle One

Rating Scale: 5-Excellent; 4- Very Good; 3-Good; 2-Fair; 1-Poor; 0-Missing/Not Included

Creativity of Concept	5	4	3	2	1	0	
Content	5	4	3	2	1	0	
Originality	5	4	3	2	1	0	
Best Use of Technology	5	4	3	2	1	0	
General Effectiveness		5	4	3	2	1	0
Layout	5	4	3	2	1	0	

TOTAL POSSIBLE POINTS - 30

YOUR SCORE _____

You did a great job with _____

Next time you may want to _____

"THROUGH CAD"
Computer-Aided Design and Technical Drawing

DESCRIPTION:

Using appropriate computer programs entrants will create and submit their designs or technical drawings in one of four categories. **Designs may be submitted either as plotted drawings and or as digital files.** The Worcester County Public Schools, through project Lead the Way, has access to AUTOCAD 2005-2008, INVENTOR and REVIT, all by Autodesk Corporation. Submissions using other programs are allowed, however, each entrant is responsible for making a copy of that software available to the judges when the work is to be judged in a digital format. For designs and drawings submitted on paper, the size of the paper may vary depending on the scale required to allow judges to read notes and text included in the plot.

CATEGORIES:

- | | |
|-------------------------------|---|
| Mechanical- | Machines, parts or assemblies, multi-view or isometric. |
| Architectural- | Buildings, floor plans, elevations, perspective views. |
| Landscape & Civil- | Designs depicting land use, decorative or functional. |
| Open Class- | Designs which do not correspond to the first three categories. |

GRADE LEVEL: Grades 6-8; Grades 9-12

PROCEDURES:

Submissions must be created using computer software. The completed files may be submitted as a plotted drawing or as a digital program file. Drawings on paper should be at a scale that allows the textual content to be read clearly. Drawings may be submitted mounted flat, or rolled if they are larger.

Entries must have been produced within the last year prior to the Worcester County Tech Fest. Please consider your subject matter carefully. If the product produced may be offensive to the sensitivities of the school community, it may be judged, but not displayed for the public. All Rules and Codes of Conduct for the Worcester County Board of Education will apply to production and content.

JUDGING CRITERIA:

Submissions will be judged based on their effectiveness as a form of technical communication, specifically in the three following areas: **1. Clarity of content** -- Is the drawing arranged, annotated, and dimensioned so that the design is easily interpreted? **2. Completeness of information** -- Is the information complete enough to execute the design? Are there serious omissions in depiction, dimension, or notation? **3. Appropriate use of technology** -- Is the drawing or design created with an appropriate program? To what extent were the capabilities of the program explored or exploited to create the design /drawing?

AWARDS:

A Gold Award **may be given** to an entry at the discretion of the judges. Silver Awards **may** also be awarded by judges to any entry(s) which they feel are worthy of recognition. Exceptional entries will also be considered for "The Media Specialists' Award."

JUDGING CRITERIA

"COMPUTER AIDED DESIGN"

CLARITY OF CONTENT:

Technical drawing at its core is a process of communication. It is a means by which the visions of some can be conveyed to others in such a way that promotes a cooperative construction of the design. In order for it to function in this capacity, a drawing or technical presentation of a design must be arranged in a logical and orderly manner. There are many pre-existing conventions for the representation of machine parts, buildings, land plots and so on. While strict adherence to historic conventions is not a requirement, designs submitted in this competition must be arranged in a clear and orderly way. The dimensions and other important notations must be legible and arranged in a clear and orderly way, as well. If the drawing is confusing or presents the design in a way that is difficult to interpret, it is considered to be less effective.

COMPLETENESS OF CONTENT:

The drawing or design presentation should be complete such that all of the needed information to fully understand and execute the design is included in the submission. This criterion is tempered by existing convention. For example, a floor plan need not show the elevation views of a home to be a complete floor plan. Technical drawings are typically accompanied by dimensions and notations, which add up to a complete understanding of the item or space defined by the drawing. Drawings with obvious omissions will be judged as less complete than submissions where few, if any, questions remain about the design and how to construct it.

APPROPRIATE USE OF TECHNOLOGY:

There are many software programs to help create designs and convey these designs effectively. Some are used specifically for mechanical or architectural applications. Some have more universal application and some are single-purpose programs. Choosing the right software for the subject can dramatically affect the ease with which designs are created and communicated. Under this criterion, judges will also be looking for evidence that student designers explored and employed elements of the software program to aid them in the creation or communication of the design.

OFFICIAL ENTRY FORM
"Through CAD"

Title of Design: _____

Grade Level: _____ 6-8 _____ 9-12

Category (check one):

_____ Mechanical _____ Architectural _____ Landscape & Civil _____ Open Class

Entry type (check one):

_____ Plotted drawing _____ Digital program file _____ Both plot and digital file

Student Producer's Name: _____

School: _____

Name of Computer Program Used: _____

Please include year or version number and authoring or distributing company if known.

I CERTIFY THAT THIS ENTRY HAS BEEN PRODUCED ON A COMPUTER BY THE STUDENT
WHOSE NAME IS LISTED.

Student Entrant's name *please print*

Signature

Sponsor's Name *please print*

Signature

JUDGE'S REPORT
"THROUGH CAD"
COMPUTER-AIDED DESIGN AND TECHNICAL DRAWING

Title of Design: _____

Grade Level: _____6-8 _____9-12

Category (check one):

____ Mechanical ____ Architectural ____ Landscape & Civil ____ Open Class

Circle One

Rating scale: 5-Excellent; 4-Very Good; 3- Good; 2-Fair; 1-Poor; 0-Missing/Not Included

Clarity of Content	5	4	3	2	1	0
Completeness of Content	5	4	3	2	1	0
Appropriate Use of Technology	5	4	3	2	1	0

TOTAL POSSIBLE POINTS = 15

YOUR SCORE _____

You did a great job with _____

Next time you may want to _____

Using Copyrighted Material

If you have decided that only copyrighted material meets the needs of your production, then get written permission to use it. Write to the publisher, addressing your request to the 'Rights and Permissions Office.' The name and address of the publisher should be on the title page of the publication. Give them as much information as you can in your first letter.

For photographs

Give the title and date of the publication, the name of the photographer (if listed in the credits), and the page or pages on which they appear. Describe your production (type, length, and age of producers, etc.). Explain how you wish to use the copyrighted materials in the production. Request permission for an unlimited number of nonprofit showings for a period of two years.

For music

Give the name of the selection, the composer, the arranger, and the publication date. Tell them how much you are going to perform (in bars or stanzas) and on what page it appears.

If you want to use a copyrighted CD or tape, start by writing to the record company. There may be more persons from whom you have to get permission, for example, the record company, the composer, and the performers.

Use Music in the Public Domain

Anyone may perform and record any music that is in the public domain without permission. You may have your class or school group perform a song or musical composition in the public domain for your production.

Be Creative - Do Your Own Thing

The easiest and safest way to avoid legal hassles is to improvise and perform your own music and effects. Here are some ways: use your voice to make up your own song; improvise some music on musical instruments or get your friends to 'jam' some sounds; use a tape recorder to make new and interesting sounds out of ordinary events; use your voice or hands or feet to create voice/body rhythms; or use a synthesizer to generate space age sounds.

Put In the Credits

Let the audience know the sources of the materials in your production by listing them in the credit lines (**audio or video**) at the end of the program. Make your credits as much fun as your production by incorporating them into the program with animation or vivid images. Let your imagination thank the persons who helped you produce your video. Here are some credit lines:

"Original music created and performed by... (Music title)"

"(Photos) used with permission of the publisher"

"(Title of music selection) is in the public domain."

Sample Copyright Letter

Rights and Permission Department
ASCAP
1 Lincoln Plaza
New York, NY 10023

Date _____

Dear Director:

I would like permission to make a copy of the following on (audiocassette or videotape) as part of a project in my (Communication Arts) class.

COMPOSER/SONGWRITER Hoagy Carmichael
LYRICIST Ira Cohen
SONG TITLE Don't Fence Me In
COPYRIGHT 1932
TYPE OF REPRODUCTION Audiocassette

This recording will be part of a (five-minute) (video) production, made by (three) students in the (tenth grade) which will be entered in the Worcester County Tech Fest. This is an educational enterprise.

I would like permission for unlimited number of nonprofit showings for a period of two years. Please indicate in the form below and return it in the self-addressed, stamped envelope that I have enclosed.

Thank you for your time and cooperation.

Sincerely,

Student's Name
School & Address
School Phone

_____ Permission to reproduce "Don't Fence Me In" as stated above is granted.

_____ Permission to reproduce "Don't Fence Me In" as stated above is not granted.

Signed _____ Date _____

Title _____

Fair Use

“The Fair Use Doctrine” allows for limited use of copyrighted materials in educational settings. In all cases, students are reminded to credit the sources and display the copyright notice if available. In general, fair use limits the amount of a copyrighted work that may be used.

Motion Media

Up to 10% or 3 minutes, whichever is less.

Text Material

- a poem of 250 words or less or up to 250 words of a longer poem.
- an article, short story, or essay of 2,500 words or less, or excerpts of up to 1,000 words or 10 percent of a longer work, whichever is less.
- a single chart, graph, diagram, drawing, cartoon, or picture from a book, periodical, or newspaper.

Music, Lyrics, and Music Video

Up to 10%, but in no event more than 30 seconds of the music and lyrics from an individual musical work

Illustrations and Photographs

A photograph or illustration may be used in its entirety but no more than 5 images by an artist or photographer may be reproduced or otherwise incorporated. When using photographs and illustrations from a published collective work, not more than 10% or 15 images, whichever is less, may be incorporated.

**OFFICIAL LABEL
THROUGH THE LENS**
Please print or type!

Title of Print

Photographer

School Name

Circle One:
PK-2 3-5 6-8 9-12

SUBJECT AREAS	CATEGORY
Portraits:	
___ Animals	___ Color
___ People	
Stills:	___ Monochrome
___ Plants/Botanicals	
___ Non-Living	
Scenic:	___ Experimental
___ Outdoors	

**OFFICIAL LABEL
THROUGH THE LENS**
Please print or type!

Title of Print

Photographer

School Name

Circle One:
PK-2 3-5 6-8 9-12

SUBJECT AREAS	CATEGORY
Portraits:	
___ Animals	___ Color
___ People	
Stills:	___ Monochrome
___ Plants/Botanicals	
___ Non-Living	
Scenic:	___ Experimental
___ Outdoors	
Buildings, etc.	

**OFFICIAL LABEL
THROUGH THE LENS**
Please print or type!

Title of Print

Photographer

School Name

Circle One:
PK-2 3-5 6-8 9-12

SUBJECT AREAS	CATEGORY
Portraits:	
___ Animals	___ Color
___ People	
Stills:	___ Monochrome
___ Plants/Botanicals	
___ Non-Living	
Scenic:	___ Experimental
___ Outdoors	

**OFFICIAL LABEL
THROUGH THE LENS**
Please print or type!

Title of Print

Photographer

School Name

Circle One:
PK-2 3-5 6-8 9-12

SUBJECT AREAS	CATEGORY
Portraits:	
___ Animals	___ Color
___ People	
Stills:	___ Monochrome
___ Plants/Botanicals	
___ Non-Living	
Scenic:	___ Experimental
___ Outdoors	
Buildings, etc.	

**OFFICIAL LABEL
ON PAPER**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

_____ Two-Dimensional

 Three-Dimensional

**OFFICIAL LABEL
ON PAPER**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

_____ Two-Dimensional

_____ Three-Dimensional

**OFFICIAL LABEL
ON PAPER**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

_____ Two-Dimensional

_____ Three-Dimensional

**OFFICIAL LABEL
ON PAPER**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

_____ Two-Dimensional

_____ Three-Dimensional

**OFFICIAL LABEL
ON LINE**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

CATEGORY:

____ Educational/Informational ____ Original Design

____ Personal/Entertainment ____ Preset Template

Program _____ **OR**

URL _____

**OFFICIAL LABEL
ON LINE**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

CATEGORY:

____ Educational/Informational ____ Original Design

____ Personal/Entertainment ____ Preset Template

Program _____ **OR**

URL _____

**OFFICIAL LABEL
ON LINE**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

CATEGORY:

____ Educational/Informational ____ Original Design

____ Personal/Entertainment ____ Preset Template

Program _____ **OR**

URL _____

**OFFICIAL LABEL
ON LINE**

Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF ENTRY:

CATEGORY:

____ Educational/Informational ____ Original Design

____ Personal/Entertainment ____ Preset Template

Program _____ **OR**

URL _____

OFFICIAL LABEL
ON SCREEN
Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF MEDIA:

- Video
- Presentation Software
- Interactive Whiteboard
- Computer Programming

OFFICIAL LABEL
ON SCREEN
Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF MEDIA:

- Video
- Presentation Software
- Interactive Whiteboard
- Computer Programming

OFFICIAL LABEL
ON SCREEN
Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF MEDIA:

- Video
- Presentation Software
- Interactive Whiteboard
- Computer Programming

OFFICIAL LABEL
ON SCREEN
Please print or type!

Title of Entry

Entrant's Name or Group Name

School Name

Circle One:

PK-2 3-5 6-8 9-12

TYPE OF MEDIA:

- Video
- Presentation Software
- Interactive Whiteboard
- Computer Programming

**OFFICIAL LABEL
THROUGH CAD**
Please print or type!

Title of Entry

Entrant's Name

School Name

Circle One:
6-8 9-12

TYPE OF ENTRY: PRODUCT:
____ Mechanical ____ Plotted Drawing
____ Architectural ____ Digital File
____ Landscape/Civil ____ Plot AND File
____ Open Class

Program _____

**OFFICIAL LABEL
THROUGH CAD**
Please print or type!

Title of Entry

Entrant's Name

School Name

Circle One:
6-8 9-12

TYPE OF ENTRY: PRODUCT:
____ Mechanical ____ Plotted Drawing
____ Architectural ____ Digital File
____ Landscape/Civil ____ Plot AND File
____ Open Class

Program _____

**OFFICIAL LABEL
THROUGH CAD**
Please print or type!

Title of Entry

Entrant's Name

School Name

Circle One:
6-8 9-12

TYPE OF ENTRY: PRODUCT:
____ Mechanical ____ Plotted Drawing
____ Architectural ____ Digital File
____ Landscape/Civil ____ Plot AND File
____ Open Class

Program _____

**OFFICIAL LABEL
THROUGH CAD**
Please print or type!

Title of Entry

Entrant's Name

School Name

Circle One:
6-8 9-12

TYPE OF ENTRY: PRODUCT:
____ Mechanical ____ Plotted Drawing
____ Architectural ____ Digital File
____ Landscape/Civil ____ Plot AND File
____ Open Class

Program _____