

If working with a group, each student must turn in an individually written, separate Science Background Paper and Artist's Statement. Students must also justify why a team was needed and document the roles fulfilled by each team member, to be included in the Artist's Statement.

Category Requirements – 30%	
10 pts.	<p>Artist's Statement (1-5 pages) Purpose and Goals Why did you make the work? What was the purpose of the work? What provided the inspiration for the work? What ideas did you intend to convey? What references are made? What do you hope viewers will get out of the piece? Why did you decide to use this category? Does your work relate to any other Expo categories (Journalism, Art?) If you worked with a group, why was a group needed? What role did each member of the group fulfill?</p>
10 pts.	<p>Storyboards A multimedia project should include a combination of text, still pictures, audio, video and/or animation (see Multimedia Tips for more information on types of projects). If the piece has a linear story line, with a beginning, middle and end, the project should be entered in the Drama and Dance category. Include storyboards that demonstrate your planning and that illustrate the presentation structure with thumbnail sketches of each scene. Note proposed transition, special effects, sound and title tracks, text, background color, placement & size of graphic, fonts – color, size, type for text and headings. Include notes about proposed dialogue/narration text. Number all sketches and present them in logical sequence. Note that the storyboards are expected to be evidence of your planning process.</p>
10 pts.	<p>Project Quality Create a well-crafted, technically proficient, and thought-provoking multimedia presentation. Connect your imagery and symbolism to the intent described in your project statement. The form of your project and the media you choose should enhance, rather than detract from, its content. Audio segments should be clear, and shots should be carefully edited. The scenes should flow smoothly from shot to shot. Use different types of transitions to help communicate the main idea. Use special effects sparingly and with careful emphasis. Your finished product should include credits. Multimedia projects should not exceed 15 minutes in length. Please upload your video(s) to www.youtube.com <http://www.youtube.com/> according to the instructions at the end of the multimedia category requirements.</p>

Science Content– 20%	
20 pts.	<p>Science Background Paper (5-10 pages) What are the main scientific concepts that your multimedia project is based on? For example, if your piece references stem cells, provide information on the science of stem cells. Demonstrate a mastery of relevant scientific ideas by accurately explaining difficult concepts in terms a layperson could understand. The work should provide an appropriate combination of explanations, examples, and details that are specific, clear, and relevant to the topic. The content of your work should reflect critical thinking about the topic.</p>

Use of Resources and General Written Requirements – 20%	
10 pts.	<p>Effort in Use of Resources Include 1-2 typed pages describing the resource(s) you put the most effort into using. More weight is given in judging to those students who put more effort into locating and using available resources. A good use of resources may include working with an advisor or mentor, making arrangements to tour a company, interviewing an adult in your field, or other sources. What did you learn? How did this resource help you? An interview with an adult in the field carries far more weight than a Google search.</p>

	<p>If a qualified adult (i.e your Expo Advisor, someone you interviewed or a tour guide at site visit) significantly helped you with your project, please include:</p> <ol style="list-style-type: none"> The person's name, title and contact information. Dates you emailed, talked on the phone or met. Your thoughtful reflections on the experience of working with that person.
5 pts.	<p>Paper Format Provide a typed Cover Sheet including name, title, category, teacher, grade level, school, and date. Papers should be typed/word processed on white letter-sized paper, with one-inch margins. Use an easily readable font such as Times Roman or Arial, 10-12 point, double-spaced. If included, illustrations must be neat and applicable, with a title and a source. Number your pages and label section headings. Consistently follow the rules of Standard English for usage, spelling, capitalization, and punctuation. If you are using Windows <i>Vista</i>, please use the 'save as' function to save your paper as a "Word 97-2003 Document".</p>
5 pts.	<p>Annotated bibliography in standard MLA or APA format Use a minimum of 5 sources (3 must be non-internet sources). Journals published in hard copy as well as online can count as non-internet sources. For each source, provide one reason why you believe the source is credible and describe how it was used in your project.</p>

Creativity -- 10%

10 pts.	<p>Creativity Show your ability to creatively approach or solve a problem, or present evidence of your understanding in ways that are novel or unique. Your project should reflect your special insights and abilities.</p>
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Interview at Expo Event – 20%

20 pts.	<p>Interview Multimedia Projects are exempt from the poster requirement - all 20 points will depend on the interview. <i>Judges will be looking at your effectiveness in communicating your project to them, and your understanding of your topic.</i></p> <p>Your judge will want an overview of your project - practice giving a short (2-3-minute) 'walk-through' of your project that explains it in straightforward terms. You will have the chance to show a short portion of your multi-media project. <i>Be sure to bring all the technical support you will need at the event.</i></p> <p>You will receive written feedback from your judge regarding the strengths of your project, and how you could make it even better in the future.</p> <p><i>The following are samples of the types of additional questions a judge might ask you: Why were you interested in this topic? What did you learn from doing your project? What was the most enjoyable/difficult aspect of doing this project? What else would you like to find out about this topic?</i></p>
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100 points total

What you need to submit for the Expo Prejudging

- Cover Sheet with URL of your YouTube video clearly listed
- Artist's Statement
- Science Background Paper
- Storyboards
- Bibliography + description of Effort in use of Resources

- Provide one hard copy and one electronic copy.
- Please combine your files into a single Word PC File or PDF.

Label your file ML_SchoolAbbreviation_LastName
Example = ML_BA_Smith (note that there are no spaces, only underscores, in the file name). Check with your teacher for school abbreviations.

What you need to bring to the Expo

- Cover Sheet
- Project Statement
- Science Background Paper
- Storyboards
- Bibliography + description of Effort in use of Resources
- Multimedia Project in DVD or VHS form
- Any AV or electrical equipment used for viewing your project

YouTube Uploading Instructions

For the Multimedia (ML) category, the judges will view your work on YouTube. You can upload your video at www.youtube.com <<http://www.youtube.com/>> using the following instructions:

1. The maximum video time on YouTube is 10 min. 59 seconds. If your video exceeds this time, you will need to create a part 1, part 2 and part 3 as needed and upload your video in 2 or 3 sections.
2. Once on the main Youtube page, click "Sign In" on the upper right hand corner. Use the following log-in information:
Username: bioexpo2010
Password: bioexpo2010
3. Upload your video(s) part 1:
Once signed in:
 - a. Click on the "upload" link at the top right.
 - b. On the next screen, click the "upload video" link and select your video from your saved files.
 - c. In the title section: Type the title of your project. Be sure to include part 1 and part 2 at the end of the title if your video is longer than 10 min. and needs to be broken into parts.
 - d. In the description section type: "A multimedia project for the 2010 Student Bio Expo by (your name)." Next type a brief description of your project topic.
 - e. In the tag section type: "Student Bio Expo 2010, 'multimedia', 'your topic' (eg. Autism, Down Syndrome, Thyroid Disorders etc.)
 - f. Select an appropriate category from the drop-down menu.
 - g. Under Broadcasting and Sharing Options, change the "comments" section to "Don't allow comments." Leave the other options as they are by default.
 - h. If you have a part 2 or 3, click the "upload video" link again.
 - i. When you are done uploading your videos, click "save changes".
5. Upload your video(s) part 2:
 - a. Click "go to my videos".
 - b. Find your video in the list of uploaded videos (it should be the first one) and check the box to the left.
 - c. From the "Add to" drop-down menu at the top, select "Playlist".
 - d. Add your video to the multimedia playlist.
6. Log out of Youtube and you are done!

Multimedia Tips

The multimedia category is designed to encompass a broad range of electronically-based projects, from documentaries to multi-media artworks. It encourages students to make use of computer and video technology to create a project related to biotechnology and biomedicine.

As students bring more creativity and technological expertise to the Expo, a new category has been added to support their endeavors. This category provides a way for students to use a multi-media approach to present the content that would have otherwise been presented through one of the other Expo categories such as Journalism, Career/Industry, or Art.

This category could include:

Documentaries

Multi-media artwork

Animation

Audio slide shows

Graphic design

Computer graphics

Computer-based training

Potential Resources

Multimedia Definition

<http://en.wikipedia.org/wiki/Multimedia>

More on Multimedia

<http://www.artmuseum.net/w2vr/contents.html>

<http://www.medienkunstnetz.de/mediaartnet>

<http://www.zardec.net.au/keith/digvideo.htm>

