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one group Science Background Paper, one group script/description and one group video/DVD.

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Category Requirements – 30%	
10 pts.	<p>Artists' Statement (1-3 pages)</p> <p>What provided the inspiration for the work? Why was the work made? What was the purpose? What are the ideas that are conveyed? What references are made? What do you hope viewers will get out of the piece? What did you learn about science from doing the piece? If you worked with a group, why was a group needed? What role did each member of the group fulfill?</p>
10 pts.	<p>Script (Drama) or Description of Choreography (Dance) (5-8 pages)</p> <p>A drama piece should have a linear story line, with a beginning, middle and end. If the project includes a combination of text, still pictures, audio and/or animation, it should be entered in the Multimedia category. Characters and the interaction between them should be well-developed. General stage directions and blocking must be included. The inclusion of notes made during rehearsal work is encouraged. Narration must accompany dances/movement-based performances. Adhere to general guidelines for written work for script format.</p>
10 pts.	<p>Video/DVD</p> <p>The video should be 10 minutes maximum in length. Production quality will not be directly evaluated, but remember that presentation always affects how your work is perceived! Upload your video to www.YouTube.com, using the instructions outlined at the end of the Drama & Dance category requirements.</p>

Science Content– 30%	
30 pts.	<p>Science Background Paper (5-8 pages)</p> <p>What are the main scientific concepts that your drama or dance 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. Incorporate a good balance of science and drama throughout your production.</p>

Connections and Collaborations; General Written Requirements – 10%	
5 pts.	<p>Connections and Collaborations</p> <p>Include 1-2 typed pages describing the connections you have made with other people as well as the resources you have used the most. 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, in addition to reading an important paper or uncovering an invaluable website. 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. You do <i>not</i> have to request a mentor through NWABR to excel in this area.</p> <p>If a qualified adult (i.e. your Expo Mentor, 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"> a) The person's name, title and contact information. b) Dates you emailed, talked on the phone or met.

	<p>c) Your thoughtful reflections on the experience of working with that person</p> <p>If you are working in a team, this is the place to describe the different roles and responsibilities of each team member and the rationale behind why each person took their role.</p>
5 pts.	<p>Paper Format and Annotated Bibliography</p> <p>Papers should be typed/word processed 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 Vista or 7, please use the 'save as' function to save your paper as a "Word 97-2003 Document."</p> <p>Annotated bibliography in standard MLA or APA format. Use a minimum of 5 sources. The bibliography should include all books, papers, journal articles, and communications used in your research. For at least 5 sources, 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</p> <p>The most successful projects have been ones that look at biotechnology/biomedicine in unique ways. 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>

Poster/Interview at Expo Event – 20%	
5 pts.	<p>Poster</p> <p>Drama and Dance Projects should have posters that are more like advertisements/promotions for their work (such as one would see to promote a CD or show) Posters should convey important information about your project in a visually appealing manner. Displays must be freestanding and have the following maximum dimensions: 4 feet width, 2.5 feet depth, and 3 feet height (from table).</p>
15 pts.	<p>Interview</p> <p><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.</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>
100 points total	

What you need to do on or before April 23, 2017

Register for the Student Bio Expo. Student registration will be open between April 3rd and the deadline of Sunday midnight April, 23rd 2017

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Submit an electronic copy of your project to NWABR (and your teacher) using the **BOX cloud storage**. Further registration and submission information will be posted at: <https://www.nwabr.org/events-programs/student-events/student-bio-expo>

What you need to bring to the Expo

Bring a hard copy of your written work. Include the following :

- Cover Sheet
- Artist's Statement
- Script/Stage or Movement Description
- Science Background Paper
- Bibliography + Connections and Collaborations
- Poster
- A copy of your video or DVD
- Any electrical or AV equipment you may need

YouTube Uploading Instructions

For the Drama & Dance (DD) 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.
2. Once on the main Youtube page, click "Sign In" on the upper right hand corner. Use the following log-in information:
Username: bioexpo2017@gmail.com
Password: studentbioexpo2017 (Alternatively, use your own Gmail account to upload your video but make sure to label your video as described below.)
3. 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.
 - d. In the description section type: "A drama project for the 2017 Student Bio Expo by (your name)." Next type a brief description of your project topic.
 - e. In the tag section type: "Student Bio Expo 2017, 'drama', '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. When you are done uploading your videos, click "save changes".
4. Log out of YouTube and you are done!

Drama & Dance Tips

The Drama & Dance category allows you to utilize a variety of thinking and learning styles in presenting a work related to biotechnology. Both visual and auditory communications need to be considered in planning a dramatic or dance submission.

Presentations will be submitted for review using YouTube, and the best entries in this category may be pre-selected for presentation. Students may be able to view the presentation area beforehand and will be able to have a minimum amount of set-up time on the morning of the actual event.

Students will be evaluated on how well a story is told, through Drama or Dance, with little focus on set and props.

Group Requirements

If working with a group (2-4 students), each group should submit:

one group Science Background Paper, one group script/description and one group video/DVD.

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Resources

Dance your PhD contest results and information

<http://gonzolabs.org/dance/>

Science and Math related plays

<http://www.curtainup.com/scienceplays.html>

Wellcome Trust -

<http://www.wellcome.ac.uk/News/2007/News/WTD026358.htm>

<http://www.wellcome.ac.uk/News/2002/Features/WTD004744.htm>

International Association for Dance Medicine and Science

<http://www.iadms.org>

New York Times:

http://www.nytimes.com/2006/02/06/arts/dance/06lrm.html?_r=1&ex=1143608400&en=86190c79d27b33fe&ei=5070&oref=slogin

Selected Drama & Dance Projects may be asked to put on a short performance (3-5 minutes) at the Expo during the Performances section.

Student Bio Expo

Student Name:
Student School:
Project Title:

Drama and Dance DD

Judging Criteria <small>(Judging criteria are explained in the <i>Student Requirements</i>)</small>	Superior	Excellent	Good	Developing	Limited	Comments <small>(Please continue on back, if needed)</small>
Drama/Dance Category Req. (30%)						<p>What I found particularly impressive about your project:</p> <p>Pre-Judging:</p> <p>Final Judging:</p> <p>What you could do in the future to make it better:</p>
Artist's Statement (10 pts)						
Script (10 pts)						
Video/DVD (10 pts)						
Science Content (20%)						
Science Background Paper (20 pts)						
Connections/Written Req. (10%)						
Connections and Collaborations (5 pts)						
Paper Format; Annotated Bibliography (5 pts)						
Creativity						
Creativity (10 pts)						
Poster/Interview at Expo Event (20%)						
Poster (5 pts)						
Interview (15 pts)						

Overall Rating (circle one)

Superior

Excellent

Good

Developing

Limited