

TOSHIBA/NSTA EXPLORAVISION AWARDS ENTRY FORM

Please type or print neatly in black or blue ink.

Entry No. _____

Title of Project

For Office Use Only

Sample ExploraVision Entry Kit

Student Team Members (Team must consist of 2-4 members)

1)	John	Smith	6
	First Name	Last Name	Grade
2)	Jane	Adams	6
	First Name	Last Name	Grade
3)			
	First Name	Last Name	Grade
4)			
	First Name	Last Name	Grade

Coach

Michael	Jones
First Name	Last Name
6	Biology/Life Sciences
Grade Level(s) Taught	Subject(s) Taught

School George Washington Middle School

School Name

123 Main Street	New York	NY	10020
School Address	City	State/Province	Zip/Postal Code
(212) 456-7890	(212) 345-6789		
School Phone #	School Fax #	Coach's E-mail Address	

Type of School: Public Private Parochial Home School Rural Urban Suburban
(Check all that apply)

Mentor (optional) Mary James
First Name Middle Initial Last Name

We affirm that this entry for the Toshiba/NSTA ExploraVision Awards Program is original, and has been independently conceived and developed by the student members of the team who are all U.S. or Canadian citizens or legal residents. We also affirm that we have read and understand the rules of the competition and have ensured that this entry satisfies the requirements listed in the Entry Check List included with the official entry form. We further affirm that we are not related to NSTA staff, ExploraVision judges or board members of the National Science Teachers Association.

Signature of Coach: Michael Jones Date 12/15/07

Signature of Mentor: Mary James Date 12/15/07

Signatures of Students:

1) <u>John Smith</u>	<u>12/15/07</u>	3) _____	_____
	date		date
2) <u>Jane Adams</u>	<u>12/15/07</u>	4) _____	_____
	date		date

Optional* In order to determine the degree to which segments of the population are served by this program, NSTA requests information on the ethnic background of each of the team members and the team coach. Winners will be selected on merit, regardless of race, religion, national origin, gender, or the type of school that is attended. Judges do not receive the entry form.

Students

① M African American Hispanic
 F Asian Native American
 Caucasian _____

② M African American Hispanic
 F Asian Native American
 Caucasian _____

③ M African American Hispanic
 F Asian Native American
 Caucasian _____

④ M African American Hispanic
 F Asian Native American
 Caucasian _____

Coach

M African American Hispanic
 F Asian Native American
 Caucasian _____

Entries must be **received** at NSTA by 5 p.m. EST, Tuesday, January 29, 2008. Use one entry form for each team entry. Only one entry per team. Mail completed entry (Entry Form, Abstract, Description, Bibliography, and five Simulated Web Page Graphics) to:

Toshiba/NSTA ExploraVision Awards
1840 Wilson Blvd.
Arlington, VA 22201-3000

For information, call 1-800-EXPLOR-9; visit the ExploraVision Web Site at www.exploravision.org/dm; or send e-mail to exploravision@nsta.org

Continued on back...

COACH SURVEY:

Would you please take a moment to help us? Your input is important to us and will be useful in improving the program in future years. Completion of this page is not mandatory. All responses will remain confidential and will not be shared with the judges.

How did you hear about the ExploraVision competition? (Check all that apply)

NSTA Publications: NSTA Reports Science and Children Science Scope The Science Teacher

Other Publications: American Teacher Canadian Teacher Magazine The Classroom Teacher

Education Canada Education Week Learning Magazine Principal Leadership

Scholastic Instructor Teach Magazine Technology Teacher

Other Sources: Colleague Convention/Workshop Direct Mail E-mail ExploraVision web site

On-line advertisement Student TV/Radio USA Today Internet

Other Newspaper: _____

Other: _____

Have you sponsored teams in this competition in previous years? Yes No

Have any team members participated in previous years? Yes No

If yes, how many team members? _____

How many teams are you sponsoring in this year's competition? 5

Approximately how many hours did your team(s) spend on the project?

Less than 20 20-40 40-60 60-80 more than 80

Work on this project was performed:

in class outside of class both in and outside of class

Were the rules in the entry materials clear? Yes No

How would you rate the educational value of this competition?

1 (poor) 2 3 (fair) 4 5 (excellent)

Did the competition enhance your teaching of science? Yes No

As a result of this competition, have you seen an improvement in student attitude and interest in science?

Yes No

As a result of this competition, have students enhanced their understanding of science? Yes No

As a result of this competition, have your students learned to work better collaboratively? Yes No

Would you like to receive information about NSTA and its programs? Yes No

Comments: Wonderful program and I look forward to having my students compete next year!

INSERT PROJECT TITLE

ABSTRACT

Each ExploraVision entry must contain an Abstract. The Abstract must precede the Description, Bibliography and Simulated Web Page Graphics. The purpose of the Abstract is to summarize the proposed future technology of your project and any other relevant information about your team's project. Please note that the Abstract does not count as part of the Description and it must be on a separate page, be no more than 150 words, typed, double-spaced and clearly labeled. The names of the students, coach, mentor and school must not appear in the Abstract.

INSERT PROJECT TITLE

PRESENT TECHNOLOGY

Each team must prepare a written Description of its project. The Description may be a combination of text and artwork. Please note that the Description contains six sub-components, they are: (A) Present Technology (B) History (C) Future Technology (D) Breakthroughs (E) Design Process (F) Consequences and must appear in this order.

In addition, the entire Description (including sub-components) must also meet the following style requirements: Title on first page of Description; Typed, double-spaced; Eleven or few pages; On standard 8 ½" x 11" white paper with 1" margins; In English; and A standard font in 12-point size or larger. The names of the students, coach, mentor and school must not appear in any part of the Description.

On this page your team will give an overview of the first sub-component: Present Technology for your project, including some scientific principals involved in its functioning.

HISTORY

The second sub-component of the Description is History. ExploraVision teams must research and describe the history of the technology from its inception.

Please ensure that you meet the following style requirements: Typed, double-spaced; Eleven or few pages; On standard 8 ½” x 11” white paper with 1” margins; In English; and A standard font in 12-point size or larger. The names of the students, coach, mentor and school must not appear in any part of the Description.

FUTURE TECHNOLOGY

The third sub-component of the Description is Future Technology. ExploraVision teams must describe the team's vision for what this technology will be like in twenty (20) years, including scientific principles involved in developing the technology.

Please ensure that you meet the following style requirements: Typed, double-spaced; Eleven or few pages; On standard 8 ½" x 11" white paper with 1" margins; In English; and A standard font in 12-point size or larger. The names of the students, coach, mentor and school must not appear in any part of the Description.

BREAKTHROUGHS

The fourth sub-component of the Description is Breakthroughs. ExploraVision teams must research and describe breakthroughs that are necessary to make the future technology design a reality, (i.e., Why doesn't this future technology exist today?)

Please ensure that you meet the following style requirements: Typed, double-spaced; Eleven or few pages; On standard 8 ½" x 11" white paper with 1" margins; In English; and A standard font in 12-point size or larger. The names of the students, coach, mentor and school must not appear in any part of the Description.

DESIGN PROCESS

The fifth sub-component of the Description is Design Process. ExploraVision teams must describe three alternative ideas or features the team considered for this ExploraVision project. The ideas and features should be directly related to the entry, not a list of other entries you may have submitted. Describe why the team rejected each feature and idea in favor of the ones in the submitted ExploraVision technology. Describe the team's design process.

Please ensure that you meet the following style requirements: Typed, double-spaced; Eleven or few pages; On standard 8 ½" x 11" white paper with 1" margins; In English; and A standard font in 12-point size or larger. The names of the students, coach, mentor and school must not appear in any part of the Description.

CONSEQUENCES

The sixth sub-component of the Description is Consequences. ExploraVision teams should recognize that all technologies have positive and negative consequences, describe the potential positive and negative consequences of the new technology on society.

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BIBLIOGRAPHY

All sources used in researching the chosen technology should be referenced in the bibliography. Sources must be clearly labeled and include author, title, publisher, and copyright date. Internet sources, interviews, and non-original graphics should also be referenced in the bibliography. Footnotes are encouraged, but not required.

The bibliography is not counted as part of the description.

Sample bibliography:

BOOKS:

Hoving, Thomas. Tutankhamun. New York: Simon and Schuster, 1978.
Cooper, Robert K. and Leslie L. Cooper. Low-Fat Living. Emmaus, PA: Rodale Press, 1996.
The Amazing Universe. Washington, DC: National Geographic Society, 1991.

PERIODICALS:

Begley, Sharon. "A Healthy Dose of Laughter." Newsweek 4 Oct. 2004: 65.
"A Walk Across America: Part II." National Geographic August, 1979: 52.

NEWSPAPER:

Collins, Glenn. "Single Father Survey." New York Times 21 November 2000: 20.
"Low Cholesterol Level Key." Providence Journal-Bulletin 24 November 2002: A6.

ENCYCLOPEDIA ARTICLES: Print and Online:

"Animal Rights." World Book Encyclopedia. 2004 edition.
Stemple, James. "Solar Energy." Book of Popular Science. 2000.
"Wyoming." World Book. 24 May 2005. <<http://www.worldbookonline>>.

ONLINE SERVICES/INTERNET:

Gordon, Daniel. "Acid Rain." 20 March 2001
<<http://www.evergreensources.com/pollution/rain.html>>.
"Plant Extracts." 23 February 2004. <<http://www.sciences.com/scidata/edu.html>>.

TOSHIBA/NSTA EXPLORAVISION AWARDS SIMULATED WEB PAGE GRAPHICS FORM

Our Project: Sample ExploraVision Entry Kit

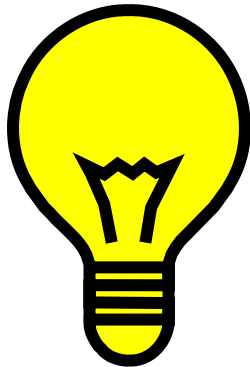
Present Technology

History

Future Technology

Breakthroughs

Design Process



The simulated web page graphics should relate to material presented in the written description and illustrate the attributes of the chosen technology. The pages should relate to one another as if the team was actually designing a web site to promote their future tech-graphs and diagrams. A collage of graphics or photographs may be pasted onto the form.

In the space below, please describe any special effects that might accompany the graphics on this form.

In the column of links provided on the left you will find various research and findings about our project.

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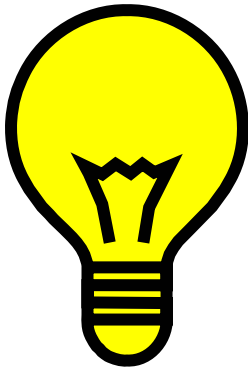
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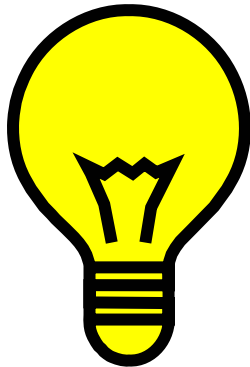
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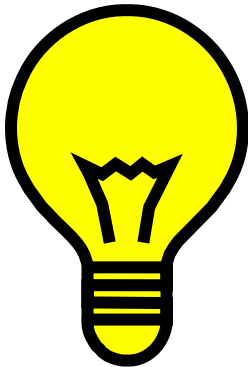
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