

# **NSTA** **WEB** **SEMINARS**

LIVE INTERACTIVE LEARNING @ YOUR DESKTOP



## **Why Didn't I Win In ExploraVision?**

Tuesday, October 18, 2011

# Introducing Today's Presenters

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West Hills, CA



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Boston, Massachusetts





# Today's Agenda

- 1. Introducing the Competition**
- 2. Entry Categories & Entry Rules**
- 3. Team Advisors**
- 4. Required Entry Components**
- 5. Regional & National Judging**
- 6. Tips and Hints for Submitting Higher Quality Projects**



# Why Didn't I Win In ExploraVision?

## Introducing the Competition



# 1. Introducing the Competition



**How many of you here this evening have either participated or are familiar with ExploraVision?**

- Yes (✓)      I have participated in ExploraVision
- No (✗)      I have never participated in ExploraVision



# 1. Introducing the Competition

Sponsored by Toshiba

**TOSHIBA**  
**Leading Innovation >>>**

Administered by NSTA





# 1. Introducing the Competition

## What is ExploraVision? Why should students participate?

- Competition for all K-12 students that provides a turnkey learning setting for building the skills – problem solving, teamwork, communication, and critical thinking, *FREE to enter and everyone receives a gift!*
- A hands-on & fun but well-structured science framework that inspires students
- Designed for students of all interest, skill & ability levels
- Students work in teams of 2-4 to select a technology, research how it works and why it was invented, and then project how that technology may change in the future.
- Each team is guided or led by a teacher and optional mentor
- Easy to enter through online registration/mailed projects
- Multiple projects allowed = perfect for introducing to your classroom



# 1. Introducing the Competition

## Everyone's a Winner!

- Gifts and certificates for all students, teachers and mentors, and discount for Toshiba computer products
- Honorable Mention Awards for 500 teams
- 24 Regional Winners; Toshiba laptop for each winning school and Toshiba HD camcorder
- 8 National Winners; expense paid trip to DC and to be on air with Bill Nye the Science Guy







# 1. Introducing the Competition

## National Winners

- Eight teams
- Four first-place student team members each receive a \$10,000 U.S. savings bond
- Four second-place student team members receive a \$5,000 U.S. savings bond
- All team members attend gala awards weekend in Washington, D.C.





# 1. Introducing the Competition

## 20 year anniversary Prize Pack Giveaways

### For the schools

- The school with the largest number of qualified teams will receive a package full of great prizes for the campus.
- One super kid-friendly green laptop L635
- One 32" LED HDTV/DVD combo to help bring learning to life
- 10 LED A-19 light bulbs to brighten the classroom
- One Toshiba Tablet for hands-on learning



### For the teachers

- The coach in each grade level with the most qualified teams will receive his or her very own Toshiba Tablet.





# 1. Introducing the Competition

- Only the top 500 teams will receive prizes.

✓ True

✗ False





# 1. Introducing the Competition

- All entrants will receive a small gift and a certificate!





# Why Didn't I Win In ExploraVision?

## Entry Categories and Entry Rules



## 2. Entry Categories and Entry Rules

Grade categories:

- Primary Level (Grades K–3)
- Upper Elementary Level (Grades 4–6)
- Middle Level (Grades 7–9)
- High School Level (Grades 10–12)





## 2. Entry Categories & Entry Rules

- Full time K-12 students
- Public, private, or home school in the US or Canada.
- Students must be no older than 21 years of age.
- NSTA employees, Board Members, ExploraVision judges, and their respective families are not eligible
- Each student is limited to one project per year.
- Past winners may compete with different team members

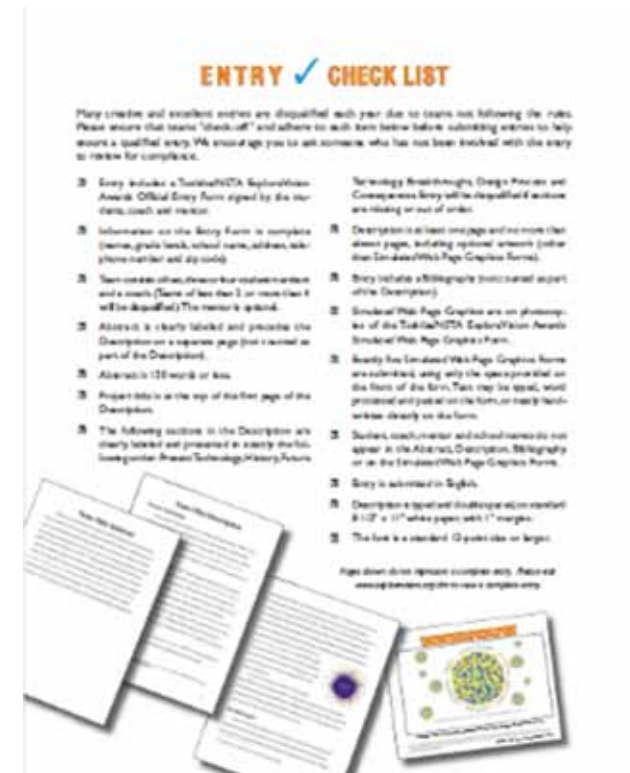




## 2. Entry Categories & Entry Rules

### Project Components

1. Abstract
2. Description
  - 1) Present technology
  - 2) History
  - 3) Future technology – 20 years
  - 4) Breakthroughs
  - 5) Design Process
  - 6) Consequences +/-
3. Bibliography
4. Sample Web Pages







## 2. Entry Categories & Entry Rules

- Do not use report covers, binders, or folders.
- Complete projects must be received at NSTA headquarters by 5:00 pm EST, Wednesday, February 1, 2012.





## 2. Entry Categories & Entry Rules

Let's review: True (T) or False (F)?

1. The ExploraVision competition is divided into four grade categories	2. A college student can participate in ExploraVision
3. A 3 <sup>rd</sup> grader can work on the same team as a 7 <sup>th</sup> grader	4. Complete projects must be received at NSTA headquarters by 5:00 pm EST, 2/1/12.



# Why Didn't I Win In ExploraVision?

Team Advisors



## 3. Team Advisors

### COACH

- Each student team must have one coach who teaches at a school attended by at least one of the team members.
- Coaches are not limited in the number of teams they sponsor.
- The role of the coach is to guide the students.
- Register online at [www.exploravision.org](http://www.exploravision.org) to receive tips for participating and optional instructions for submitting projects online.





## 3. Team Advisors

### MENTOR

- Teams have the option of selecting a mentor as an additional adult advisor. The role of the mentor is that of a resource person.
- This individual may represent an organization or business, be a parent/guardian of a team member, or be another school staff member or community member.

### HOMESCHOOLS

- We welcome and encourage the participation of home-schooled teams in the program. To meet coach requirements, we suggest you ask another home-school parent to act as the coach for your child's team.



## 3. Team Advisors

Let's review: What is the difference between a **coach** and a **mentor** in ExploraVision?

1.

2.

3.



### 3. Team Advisors

Let's Pause for  
Two Questions  
from the Audience





# Why Didn't I Win In ExploraVision?

Required Project  
Components





## 4. Required Project Components

- **ABSTRACT** – No more than 150 words that summarizes the proposed future technology
- **DESCRIPTION** –
  - Present Technology - Give an overview of the present form of the technology
  - History - Research and describe the history of the technology from its inception
  - Future Technology - Describe the team's vision for what this technology will be like in 20 years



## 4. Required Project Components

- Breakthroughs - Why doesn't this future technology exist today?
- Design Process - Describe three alternative ideas or features the team considered for this ExploraVision project. Describe the team's design process.
- Consequences - Describe the potential positive and negative consequences of the new technology on society



## 4. Required Project Components

- **BIBLIOGRAPHY** - All sources used in researching the chosen technology should be referenced



- **5 SAMPLE WEB PAGES** - communicate and promote their future technology vision; may be hand-drawn or computer-generated and may include text, pictures, photographs and diagrams.



## 4. Required Project Components

- Style Requirements (for mailed and online entries)
  - Title on first page Description
  - Typed, double-spaced
  - Eleven or fewer pages
  - On standard 8 ½” x 11” white paper with 1” margins
  - In English
  - A standard font in minimum 12 point size or larger up to a maximum 18 point size



Student, coach, mentor, and school names must not appear in the Abstract, Description, Bibliography, or Sample Web Pages for blind judging purposes.



## 4. Required Project Components

Let's review: What is the maximum number of pages of the "written description of the project"?

15 pages	10 pages	20 pages
11 pages	8 pages	13 pages



## 4. Required Project Components

Let's Pause for  
Two Questions  
from the Audience





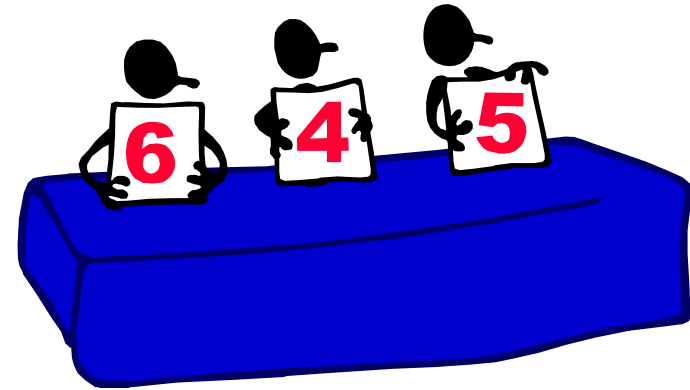
# Why Didn't I Win In ExploraVision?

Regional and National  
Judging



## 5. Regional and National Judging

- Regional stage: 6 regional areas
  - Present technology (10 points)
  - History (10 points)
  - Future technology (20 points)
  - Breakthroughs (15 points)
  - Design Process (10 points)
  - Consequences (10 points)
  - Bibliography (5 points)
  - Sample web pages (20 points)
- Creativity, scientific accuracy, communication and feasibility of vision.
- Will select 24 teams, one for each grade-level category in each of the 6 regions.







## 5. Regional and National Judging

- National stage: Create a website, including a video, for its future technology, along with a prototype.
- Websites will be judged on creativity, originality and the substance of the promotional message — not on the professional quality of the website.
- Website criteria:
  - Must be viewed within 5 minutes
  - Must incorporate at least one original video of 1-2 minutes.
  - Must relate to the original project description
  - All team members must contribute to the production of the website
  - Must feature a prototype of the proposed future technology, shown in drawings, photographs or videos



## 5. Regional and National Judging

Let's Pause for  
Two Questions  
from the Audience





# Why Didn't I Win In ExploraVision?

Tips and Hints for Submitting  
Higher Quality Projects



## 6. Tips and Hints for Submitting Higher Quality Projects

- What do judges quickly dismiss/eliminate?
- What do the judges look for?
- What are deciding/differentiating factors between similar entries?





## 6. Tips and Hints for Submitting Higher Quality Projects

- Q&A with Nancy McIntyre
  - How many teams have you coached
  - How long have you been involved in
  - How many times have you won?
  - What's important about entering ExploraVision
  - What do you like about ExploraVision
  - Any advice?



## 6. Tips and Hints for Submitting Higher Quality Projects

Let's Pause for  
Two Questions  
from the Audience





## 6. Tips and Hints for Submitting Higher Quality Projects

- **Visit the ExploraVision web site:**  
<http://www.exploravision.org>
  - How to register and enter online
  - How to obtain project materials
  - The entry steps
  - Web seminar archive
  - Prizes, Rules and FAQ's
  - Past winners showcase
  - Videos of interviews from teachers and students
  - Sample timelines



## 6. Tips and Hints for Submitting Higher Quality Projects

- Join the ExploraVision Facebook community at:  
[www.facebook.com/ToshibaInnovation](http://www.facebook.com/ToshibaInnovation)
- Or follow ExploraVision on Twitter at  
[www.twitter.com/ToshibaInnovate](http://www.twitter.com/ToshibaInnovate)





# Thank you!

Other questions?

Please email [exploravision@nsta.org](mailto:exploravision@nsta.org) or call  
1-800-EXPLOR-9

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tonight's Web Seminar:



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