Nebo Elementary School Department of Fine Arts

CHORUS	ASP Drama	ASP DANCE
TEAMWORK	CREATIVITY	EXCELLENCE

30 October 2008

Greetings!

The Georgia State Technology Competition will be on Saturday, February 7th, 2009 at Pitner Elementary School in Cobb County. This competition provides a venue for our Students to demonstrate their technology skill through their Multimedia, Scratch Programming, Alice Programming or Robotics Projects.

To participate in the Technology Fair the students will have to do the following:

1. Complete a project.
2. Create a Notebook describing their project (See attached Descriptions)
3. Complete and return the attached form with a $10.00 check made payable to Cobb County School District by Friday, December 12th

I will provide assistance to students during Technology Club Sections I, IIa, and IIb.

Category Descriptions: There will be a 15 minute time limit on all entries.

Multimedia

Multimedia projects are defined as computer-based reports or creative presentations using any combination of sound and/or images with text. Possible software used for projects in this category include but are not limited to: Power Point, KidPix, AppleWorks, Astound, Storybook Weaver and HyperStudio. If appropriate to the project, a storyboard may be included in the students' notebooks to show sequencing of project creation.

You may have up to 2 people on a team but teams and individuals will compete against each other within each grade grouping.

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Animated Graphic Design:

This category is defined as an original design with the primary purpose for allowing for the motion of objects. Software may include, but not be limited to, Flash, KidPix, etc.

You may have up to 2 people on a team but teams and individuals will compete against each other within each grade grouping.

Non-Animated Graphic Design:

This category is defined as any computer created original art project. This category does not include photography or 3D design projects (see below). Software may include, but not be limited to, Paint, KidPix, Photoshop, Corel Draw, Illustrator, or Free Hand. The project must be displayed on the computer in the program in which in was created. A hard copy of the finished project may be displayed.

Project Programming:

Projects in this category are self-executing programs created using recognizable programming languages such as BASIC, C++, Pascal, LOGO, etc. All parts of the program must be the author's own design. Programs must be identifiable in one of the three following categories:

  1. Computer-aided instruction or educational/learning games.

  2. Business or commercial applications.

  3. Personal applications that, with minor alterations, could be marketed for larger commercial audiences.

You may have up to 2 people on a team but teams and individuals will compete against each other within each grade grouping.

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Robotics

Projects may be constructed from kits or published schematic drawings, modified from other devices to create new applications, or constructed from the student's own concepts and designs. **The projects must have some obvious relationship to the computer and controlled through student created programming.** All entries must be a working and functional piece of electronics. Examples of commercially available kits are robotic "arms" or robot movers, Lego and K'Nex-style building kits, Capsella, and Technics style robotics kits.

You may have up to **2 people** on a team but teams and individuals will compete against each other within each grade grouping.

There will be a 15 minute time limit on all entries.

The format of the Technology Fair is similar to a science fair in that the students will present their projects at a table to the judges. The students will have 15 minutes to present and demonstrate their project.

Please call or email Mr. Michaud if you have any questions!

Thank you for your support of Nebo Fine Arts

Mr. Michaud
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Requirements for Project Notebook:

Title page (Name of project, Name of creator(s), Competition category & level)

Introductory Page (Introductory Narrative, Lists of Hardware & Software)
This should be written in the student's voice. The Introductory Narrative should include the reason for the project creation, a statement of knowledge gained from the creation of the project, and the value of the project for its creator.

Instructions Page(s)
The instructions page(s) must include a description of how the project was created and be written in the student's voice. The instructions may include step-by-step directions which would allow someone to replicate the project.

Project Samples
The notebook must include a hard copy of the project where appropriate. For example, PowerPoint slides, web pages or programming source code could be included. No tri-boards or large displays as space is limited.

Bibliography
If the student submits a research type project, a bibliography of sources must be included.

Copyright Permissions
The state technology fair committee supports ethical behavior and respect for the work of others. Therefore any images, text, or recordings not uniquely created by the contestant must have written permission from the owner of the work before it can be used. Work that is uniquely that of the contestant or that is royalty free or in the public domain must have a statement to that effect. Work that is not properly cited will be severely penalized in the judging.

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Nebo Elementary Registration Form for Cobb County Technology Fair:

_____
(Student Name)

_____
(Parent Name)

_____
(Phone Number)

_____ _____ _____
(Street Address)   (State)   (Zip Code)

_____(Email)

_____(Project Name)

Project Category: (Circle One)

Multimedia

Graphic Design (Animated and Non-Animated)

Project Programming   Robotics

Registration Enclosed: _____ (Amount)
(Made Payable to: Cobb County School District)

Parent signature indicates consent for above child to be photographed and/or videotaped while preparing for or presenting at the Tech Fair 2009 and authorizes use of these pictures without charge for publicity purposes related to the promotion of the Nebo Department of Fine Arts. I also release Nebo Elementary School from all claims of any interest of any kind of image on behalf of both the undersigned and the child named above.