

Art, Science, & Technology Showcase

February 25, 2016

The *Northlake Woods Art, Science, & Technology Showcase* is open to all students from JK to Grade 8. Every project is welcome and encouraged! If you would like to participate, please complete and return the attached registration form by **January 15, 2016**. Keep this page for future reference. If you are working with a partner, each student must submit a fully completed form.

Before starting a project there are a few practical considerations to keep in mind. All work on the project is to be completed at home; no specific classroom time will be scheduled. A cardboard display backer will be provided for the student's presentation: Primary/Junior entrants will receive a 60 cm high by 180 cm wide (3-panels of 60 cm) backer; and entrants from Grades 7 and 8 will receive a 120 cm high by 180 cm wide (3-panels of 60 cm) backer. Display tables will be provided by the school, with project set-up by students taking place in the gym before the bell the morning of February 25. Electrical outlets will be available upon advance request; however students must provide their own extension cords and power bars.

Investigate the world around you through hands-on projects. Projects can range from a simple art work; experiment; or study of a topic of interest; to more complex or elaborate activities. In the interest of safety, please **do not** use live animals, hazardous chemicals, live electrical wires, flammable liquids, or open flames. If you have any questions about safety considerations please consult with your teacher to verify any potential concerns. **Mr. Glebe** or **Mr. Harris** would also be pleased to answer any of your questions!!

For Science & Technology Projects we suggest the following procedure, known as *The Scientific Method*:

- Ask a question to which you would really like to know the answer. Which paper towel is strongest? What is the best way to make a bridge? How does a computer work? The possibilities are endless. This is known as *The Purpose* or *What You Wanted to Know*.
- Use your research skills to look for the answer to your question. Write or draw ideas that you found. Conduct your experiment or construct your working model. *The Procedure* tells us *How You Did It*.
- *The Results* or *Conclusions* tell us *What You Learned*. Keep a notebook to help remember facts and observations. *A notebook is a mandatory requirement for the Regional Science Fair (Gr.7&8)*.

Art Projects can follow a specific methodology or be free form.

- Be creative; be expressive; think about the message or feeling you want to convey or the response you want to evoke
- Utilize a variety of materials and methods to share your inspiration with the audience.

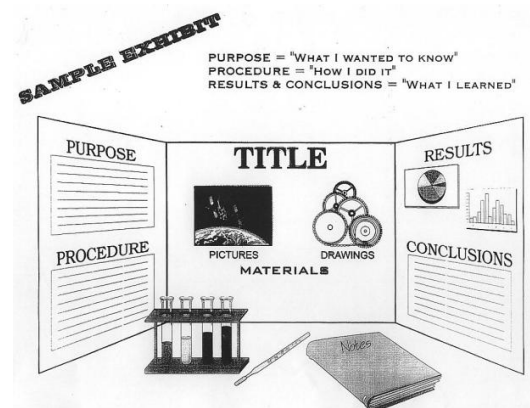
Now think about and begin constructing your display (see diagram).

Include your name and class, topic or question, a printed story about what you learned (research paper or abstract), your notebook, and any pictures, drawings, models or displays of objects that are necessary for your project. Building the display provides the chance to develop and demonstrate construction, artistic, and written skills. Be sure to carefully check for correct spelling and neat printing.

Finally, practice talking about your project so that you can tell others about it at the Fair!

PARENTS PLEASE NOTE: Your child must bring their project to the gym for set-up on **Thursday February 25th, 2016**, during setup times of 8:00 am to 8:30 am (preferred) or between 3:00 pm and 5:00 pm, in order to receive a participation certificate.

***NEW* Photographs of each submission will not be provided this year**
Please bring your own camera/device to the showcase!



NORTHLAKE WOODS P.S. SCIENCE & ART FAIR ENTRY FORM

*Please **Print Clearly** and Return to School Office no later than January 16th, 2015*

Student's Name _____

Grade: ____ Teacher _____ Room # ____

My Project Entry will be **SCIENCE BASED** **ART BASED** **COMBINATION**

My Topic/Title is _____

I am working on **my own** **with a partner**

NOTE: Each student in the group must submit a registration form

Partner's Name _____

Grade: ____ Teacher _____ Room # ____

Partner's Name _____

Grade: ____ Teacher _____ Room # ____

I require an electrical outlet

Parent/Guardian Signature: _____

Grade 7 or 8 students only:

I am interested in being judged for the **Regional Science Fair** Yes No